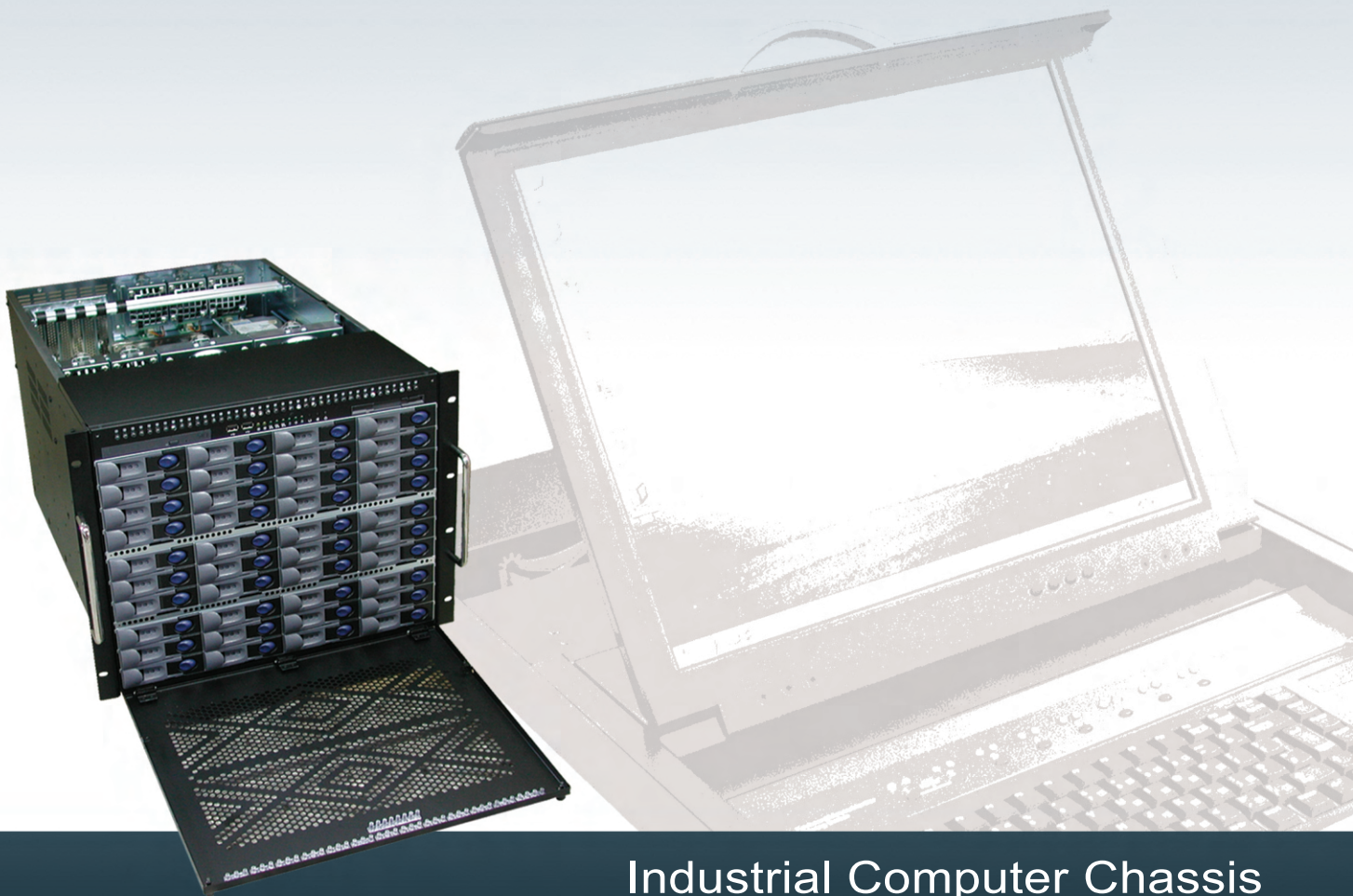


19" RACKMOUNT



Industrial Computer Chassis

ISO 9001
BUREAU VERITAS
Certification



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M

anagement Philosophy

Frugality

Sincerity

Innovation

Accountable

Company Profile

Established in 1972, our factory located in the northern part of Taiwan, is one of the leaders in providing 19" Rackmount chassis, Storage, Wall Mount, and Compact PCI enclosures to Industrial Automation, Networking, ISP, Computer Telephony and Medical field. From custom designed rackmount chassis to our custom designed enclosures, Premier products have been perennially recognized and well acknowledged by our customers as an Innovative, Top-Quality and Cost-Effective products.

By utilizing the advanced CAD/CAM design tools, Premier's enclosures are one of the best cases available today. All of Premier's in-house designed products are rugged, stable and made from premium quality steel. In order to ensure the quality and reduce total cost of ownership, Premier documents every process and procedure to ensure that ISO is practiced and implemented through out the whole operation.

Premier is dedicated to putting the same level of commitment and care to producing customized products as we are to customer service. We have an ongoing relationship with all our customers to discuss and review materials and production planning. From designing to final assembly, Premier has the capability to meet all customization requirements.

In our 100,000+ square feet facility, manufacturing process is controlled by sophisticated equipment, well trained employees and each chassis is put through our strict Quality Management Team to ensure high standards and low failure rates. Our Sales Team are always dedicated to the prompt service and our engineers provide adaptive solutions for all customers' needs. We are here to achieve Total Customer Satisfaction!

Our facilities currently consist of these machineries:

Press Line:

- Cross-Shaft Precision Press 25ton-250ton: 16 sets.
- Shuttle Robot Line Precision Press 150ton: 6 sets.
- Shuttle Robot Line Precision Press 200ton: 6 sets.

Spot Welding Line:

- Spot Welding Machine: 16 sets.
- Cap Spot Welding Machine: 2 sets.
- Multi-Spindle Spot Welding Machine: 2 sets.
- Multi-Spindle Rivet Fastening Machine: 6 sets.

Assembly Line:

- Assembly Line 30M: 3 lines.

Premier is perpetually researching and developing innovative and cost effective methods to provide quality products at reasonable pricing. We are striving forward in order to provide YOU with the latest technology. Our goal is to deliver:

Quality Assured, Cost Effective Chassis Solutions



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GUANGSHENG INDUSTRIAL CO., LTD.



RACKMOUNT CHASSIS SERIES

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19" OPEN RACK SERIES

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Chassis Comparison Chart

Model	Mounting Configuration options			Board Options		Bus Architecture				Max. Number of Slots	Power Supply Options		Fan space#				
	Rack	Tower	Wall/ Panel	Passive B/P	ATX/AT M/B	CPU	ISA	PCI	cPCI H. 100		Watts	P/S Type	4 cm	6 cm	8 cm	9 cm	12 cm
GHI-100	x			x		x	x	x		3	250~350	1U	3				
GHI-101	x			x		x	x	x		3	250~350	1U	3				
GHI-104	x				12"x13"					1	250~500	1U	3+2/6				
GHI-105	x				12"x9.6"					1	250~500	1U	4				
GHI-106	x				6.7"x6.7"					1	150~200	1U					
GHI-107	x				12"x9.6"					1	250~400	1U	2				
GHI-107A	x				12"x10.5"					1	250~400	1U	3				
GHI-108	x				6.7"x6.7"					1	250~400	1U	4				
GHI-109	x				6.7"x6.7"					1	150~200	1U					
GHI-110	x				12"x9.6"					1	250~350	1U	2+3				
GHI-112	x				12"x9.6"					1	250~350	1U	3				
GHI-113	x				12"x13"					1	250~500	1U	7				
GHI-114	x				12"x13"					1	500	1U	6				
GHI-130	x				12"x13"					1	250~300	1U	6+3				
GHI-142	x				12"x13"					1	250~400	1U	5+5				
GHI-160	x				12"x13"					1	250~500	1U	6				
GHI-170	x				6.0"x13"x2					2	200~250	1U	8				
GHI-180	x				12"x13"					1	250~400	1U	6				
GHI-181	x				12"x13"					1	250~500	1U	6				
GH-188ATX	x				12"x9.6"					1	180~300	1U	2				
GHI-189	x			x		x		x			250~500	1U	6				
GHI-192	x				12"x10.6"					1	250~500	1U	6				
GH-198B	x			x		x				2	180~300	1U	3				
GH-198L	x				Little board						180~300	1U	3				
GHI-200	x			x		x	x	x		6	250~400	PS/2 or Mini Redundant			3		
GHI-210	x				12"x9.6"					3	250~400	PS/2 or Mini Redundant			3		
GH-212ATX	x				12"x9.6"					3	250~460	PS/2(F)		1	1		
GHI-213	x				12"x9.6"					3	250~400	PS/2 or Mini Redundant			3		
GHI-214	x				12"x13"					3	600	2U Single or Redundant			3		
GHI-220	x				12"x10.5"					3	400	2U Redundant		1	4		
GHI-221	x				12"x13"					3	600	2U Single or Redundant		1	4		
GHI-230	x				12"x13"					3	250~400	PS/2 or Mini Redundant		1	1		
GH-231ATX	x				12"x13"					3	250~400	2U		1	3		
GH-231	x				12"x13"					7	250~400	2U			3		
GH-232ATX	x				12"x13"					3	250~460	PS/2 Special		1	3		
GH-232	x				12"x13"					7	250~460	PS/2 Special		1	3		
GHI-240	x				16"x13"					3	600	2U Redundant	2	1	4		
GHI-246	x				12"x13"					3	600	2U Single or Redundant			4		
GHI-250	x				12"x9.6"					5	250~300	1U			2		
GHI-251	x				12"x9.6"					7	250~300	1U			2		
GHI-252V	x				12"x9.6"					7	250~300	1U	2	1			
GHI-252H	x				12"x9.6"					3	250~300	1U	2	1			
GHI-253	x				12"x9.6"					3	300	1U	2	2			
GHI-260	x				12"x13"					3	600	2U Single or Redundant			4		
GHI-280	x				12"x13"					3	600	2U Single or Redundant			4		
GHI-280V	x				12"x13"					7	600	2U Single or Redundant			4		
GHI-281	x				12"x13"					3	600	2U Single or Redundant			4		
GHI-281V	x				12"x13"					7	600	2U Single or Redundant			4		
GHI-282	x				12"x9.6"					3	510	2U Single or Redundant			4		
GHI-282V	x				12"x9.6"					7	510	2U Single or Redundant			4		
GHI-283	x				12"x13"					3	600	2U Single or Redundant			4		
GHHI283V	x				12"x13"					7	600	2U Single or Redundant			4		
GH-288SR	x			x		x	x	x		6	250~500	PS/2 or Mini Redundant			2		
GHI-289	x			x		x	x	x		6	300~600	2U Single or Redundant	1		4		
GHI-290	x				12"x13"					3	500	2U Single or Redundant			4		
GHI-293	x				12"x10.5"					3	500	2U Single or Redundant			3		
GHI-XP2					12"x10.5"						240	2U					
GHI-B02					10.4"x10.5(BTX)					4	300~510	2U Single or Redundant	1		3		

Chassis Comparison Chart

Air Flow	Disk Mounting VD =Vibration Damping					Keyboard Connector		Dimensions (millimeters/inch)			Front Panel Indicator					Front Panel Controls					
	CFM/EACH	2.5" Int	3.5" Int	5.25" Int	3.5" F.P.	5.25" F.P.	Front	Rear	Width	Height	Depth	On/Off	HD Active	Over Heat	Fan Fail	P.S. Status	LAN Active	On/Off	LAN	USB	Reset
7.0	☆1	2		△1	△1	x	x	483/19"	44/1.7"	450/17.7"	x	x					x		x	x	
7.0	☆1	2		△1	△1	x	x	483/19"	44/1.7"	450/17.7"	x	x					x		x	x	
10.8/15.3		2		1	1		x	483/19"	44/1.7"	605/23.8"	x	x					x		x	x	
15.3		2		1	1		x	483/19"	44/1.7"	542/21.3"	x	x					x		x	x	
N/A	1			1	1		x	483/19"	44/1.7"	220/8.7"	x	x					x		x	x	
15.3		2				x		483/19"	44/1.7"	382/15.0"	x	x					x				x
15.3	1				△1			483/19"	44/1.7"	300/8.7"	x	x					x		x	x	
7	☆1	2			△1	x		483/19"	44/1.7"	382/15.0"	x	x							x		
N/A	1			1	1		x	483/19"	44/1.7"	302/11.9"	x	x					x		x	x	
7.0/8.6		3		△1	△1	x	x	483/19"	44/1.7"	450/17.7"	x	x					x		x	x	
15.3		1		△1	△1		x	483/19"	44/1.7"	407/16.0"	x	x					x		x	x	
15.3		2			1		x	483/19"	44/1.7"	650/25.6"	x	x					x		x	x	
15.3		1		1	1		x	483/19"	44/1.7"	543/21.4"	x	x				x	x		x	x	
7.0/8.6		3		△1	△1		x	483/19"	44/1.7"	650/25.6"	x	x	x	x		x	x				x
7.0/8.6		2		△1	△1		x	483/19"	44/1.7"	650/25.6"	x	x	x	x		x	x				x
15.3	9							483/19"	44/1.7"	650/25.6"	x	x	x	x			x				x
N/A				2			x	483/19"	44/1.7"	302/11.9"	x	x					x	x	x	x	
15.3		4		1	1		x	483/19"	44/1.7"	650/25.6"	x	x	x	x		x	x		x	x	
15.3				2	1		x	483/19"	44/1.7"	650/25.6"	x	x	x	x		x	x		x	x	
7.0	1			1	2		x	483/19"	44/1.7"	520/20.5"	x	x					x				x
15.3		2			△1			483/19"	44/1.7"	700/27.5"	x	x				x	x		x	x	
7.0		2			1		x	483/19"	44/1.7"	560/22.1"	x	x					x		x	x	
7.0	1	1		1	1	x	x	483/19"	44/1.7"	431/17"	x	x					x				x
7.0	1	1		1	1	x	x	483/19"	44/1.7"	431/17"	x	x					x				x
42.5		1+ 1		1	△1	x	x	483/19"	88/3.5"	450/17.7"	x	x					x		x	x	
42.5		4		1	△1		x	483/19"	88/3.5"	450/17.7"	x	x					x		x	x	
23.5/42.5		3		1	1		x	483/19"	88/3.5"	501/19.7"	x	x					x				x
42.5		3		1	1		x	483/19"	88/3.5"	450/17.7"	x	x					x				x
42.5		3		1	1+△1		x	483/19"	88/3.5"	510/20.1"	x	x					x		x	x	
23.5/42.5		2		1	4		x	483/19"	88/3.5"	570/22.4"	x	x		x		x	x		x	x	
23.5/42.5		2		1	4		x	483/19"	88/3.5"	650/25.6"	x	x		x		x	x		x	x	
23.5/42.5		6		1	1		x	483/19"	88/3.5"	650/25.6"	x	x	x	x			x				x
42.5		3		2	2		x	483/19"	88/3.5"	650/25.6"	x	x					x				x
42.5		3		2	2		x	483/19"	88/3.5"	650/25.6"	x	x					x				x
23.5/42.5		5		1	1		x	483/19"	88/3.5"	650/25.6"	x	x					x				x
23.5/42.5		5		1	1		x	483/19"	88/3.5"	650/25.6"	x	x					x				x
15.3/42.5		4			△1		x	483/19"	88/3.5"	710/28.0"	x	x		x		x	x		x	x	
42.5		5			1		x	483/19"	88/3.5"	650/25.6"	x	x					x		x	x	
42.5		1		△1	1		x	483/19"	88/3.5"	355/13.9"	x	x				x	x				x
42.5		2			1		x	483/19"	88/3.5"	355/13.9"	x	x				x	x		x	x	
42.5/7.0		3			1		x	483/19"	88/3.5"	355/13.9"	x	x				x	x		x	x	
42.5/7.0		3			1		x	483/19"	88/3.5"	355/13.9"	x	x				x	x		x	x	
7.0/42.5		2			1			483/19"	88/3.5"	357/14.1"	x	x				x	x		x	x	
42.5	16				1		x	483/19"	88/3.5"	650/25.6"	x	x	x	x			x		x	x	
42.5		8		△1	△1		x	483/19"	88/3.5"	650/25.6"	x	x	x	x		x	x		x	x	
42.5		8		△1	△1		x	483/19"	88/3.5"	650/25.6"	x	x	x	x		x	x		x	x	
42.5		6		△1	1		x	483/19"	88/3.5"	650/25.6"	x	x	x	x		x	x		x	x	
42.5		6		△1	1		x	483/19"	88/3.5"	650/25.6"	x	x	x	x		x	x		x	x	
42.5		8		△1	△1		x	483/19"	88/3.5"	650/25.6"	x	x	x	x		x	x		x	x	
42.5		8		△1	△1		x	483/19"	88/3.5"	650/25.6"	x	x	x	x		x	x		x	x	
42.5		4		1	2		x	483/19"	88/3.5"	650/25.6"	x	x	x	x		x	x		x	x	
42.5		4		1	2		x	483/19"	88/3.5"	650/25.6"	x	x	x	x		x	x		x	x	
42.5		2		1	1	x	x	483/19"	88/3.5"	526/20.7"	x	x					x				x
42.5	1	6		△1	1	x	x	483/19"	88/3.5"	700/27.5"	x	x	x	x			x		x	x	
42.5		12					x	483/19"	88/3.5"	650/25.6"	x	x	x	x			x				x
42.5		4		1	2		x	483/19"	88/3.5"	560/22.1"	x	x					x		x	x	
	2				1			420/16.5"	88/3.5"	385/15.2"	x	x	x				x		x	x	
	3			1	1			483/19"	88/3.5"	510/20.1"	x	x	x	x			x		x	x	

(F)=Front (H)=Horizontal (V)=Vertical ☆=Optional kit for 3.5" internal Disk Mounting ★= Optional Fan △=For Slim Type Disk

Chassis Comparison Chart

Model	Mounting Configuration options			Board Options		Bus Architecture				Max. Number of Slots	Power Supply Options		Fan space#				
	Rack	Tower	Wall/ Panel	Passive B/P	ATX/AT M/B	CPU	ISA	PCI	cPCI H. 100		Watts	P/S Type	4 cm	6 cm	8 cm	9 cm	12 cm
GHI-310ATXR	x				12"x9.6"					7	230~700	PS/2 or Mini Redundant(F)			1	2	
GHI-312	x				12"x13"					7	460~700	2U Single or Redundant	2			5	
GHI-313	x				12"x10.5"					7	460~600	2U Single or Redundant		1		2	
GHI-314	x				12"x10.5"					7	460~700	2U Single or Redundant	4	2			1
GHI-315	x				12"x9.6"					7	460~700	2U Single or Redundant	2	2	1		
GH-341ATX	x				12"x13"					7	250~700	2U Single or Redundant	2			3	
GHI-342	x				12"x13"					7	460~700	2U Single or Redundant		1		3	
GHI-346	x				12"x13"					7	460~650	2U/3U Single or Redundant		2		4	
GHI-350	x				12"x9.6"					7	300~460	2U Single	2	★1	2		
GHI-351	x				12"x9.6"					7	300~400	2U		2	2		
GHI-352	x				12"x9.6"					7	300~460	2U Single	2	★1	1		
GHI-354	x				9.6"x9.6"					4	460	PS/2		★1			1
GHI-359	x				12"x13"					7	300~700	2U	3	2			
GHI-360	x				12"x13"					7	460~650	2U/3U Single or Redundant		1		4	
GHI-380	x				12"x13"					7	460~650	2U/3U Single or Redundant		1		4	
GHI-381	x				12"x13"					7	460~650	2U/3U Single or Redundant		1		4	
GHI-390	x				12"x13"					7	460~650	2U/3U Single or Redundant		1		4	
GHI-A31	x				12"x13"					7	300~650	2U/3U		2	3		
GHI-A32	x				12"x13"					7	300~650	2U/3U		2		3	
GHI-A38	x				12"x13"					7	460~650	2U/3U Single or Redundant		2		4	
GHI-M30	x				12"x9.6"					7	500~600	2U Single or Redundant	2	2			
GH-400ATX	x				12"x9.6"					7	230~700	PS/2			2		
GH-400S	x			x		x	x	x		14	230~700	PS/2			2		
GH-402ATXR	x				12"x9.6"					7	230~700	PS/2 or Mini Redundant				2	
GH-402SR	x			x		x	x	x		14/15	230~700	PS/2 or Mini Redundant				2	
GHI-403ATXR	x				12"x9.6"					7	230~700	PS/2 or Mini Redundant				2	
GHI-403SR	x			x		x	x	x		14/15	230~700	PS/2 or Mini Redundant				2	
GHI-404	x				12"x13"					7	500~700	PS/2 or Redundant		★2		2	
GH-410ATXR	x				12"x9.6"					7	230~700	PS/2 or Mini Redundant					1+★1
GH-410SR	x			x		x	x	x		14/15	230~700	PS/2 or Mini Redundant					1+★1
GH-411ATXR	x				12"x9.6"					7	230~700	PS/2 or Mini Redundant					1+★1
GH-411SR	x			x		x	x	x		14/15	230~700	PS/2 or Mini Redundant					1+★1
GH-414ATXR	x				12"x9.6"					7	230~700	PS/2 or Mini Redundant					1+★1
GH-414SR	x			x		x	x	x		14/15	230~700	PS/2 or Mini Redundant					1+★1
GHI-415	x				12"x13"					14	230~700	PS/2 or Mini Redundant		2		3	
GH-416ATXR	x				12"x9.6"					7	230~700	PS/2 or Mini Redundant					1+★1
GH-416SR	x			x		x	x	x		14/15	230~700	PS/2 or Mini Redundant					1+★1
GH-418ATXR	x				12"x9.6"					7	230~700	PS/2 or Mini Redundant				★3	1
GH-418SR	x			x		x	x	x		14	230~700	PS/2 or Mini Redundant				★3	1
GHI-419ATX	x				12"x13"					7	230~700	PS/2 or Mini Redundant		★2		2	
GHI-419SR	x			x						14/15	230~700	PS/2 or Mini Redundant		★2		2	
GH-430ATXR	x				12"x13"					7	300~460	Vertical Redundant(F)			★1	4	
GH-430SR	x			x		x	x	x		19	300~460	Vertical Redundant(F)			★1	4	
GH-431ATXR	x				12"x13"					7	230~700	PS/2 or Mini Redundant				4	
GH-431SR	x			x		x	x	x		14/15	230~700	PS/2 or Mini Redundant				4	
GH-432ATXR	x				12"x13"					7	230~700	PS/2 or Mini Redundant(F)			★1	4	
GH-432SR	x			x		x	x	x		19	230~700	PS/2 or Mini Redundant(F)				4	
GHI-440	x				12"x13"					7	230~700	PS/2 or Mini Redundant		★2			3
GHI-441	x				12"x13"					7	230~700	PS/2 or Mini Redundant		★2			3
GHI-442	x				12"x13"					7	230~700	PS/2 or Mini Redundant		★2			3
GHI-443	x				13"x16"					7	500~700	PS/2 or Mini Redundant		★2			3
GHI-450	x				12"x13"					7	230~700	PS/2 or Mini Redundant				4	
GHI-451					12"x13"					7	500~700	PS/2 or Mini Redundant				4	
GHI-460	x	x		x	12"x13"					7	950	Redundant			2	3	
GHI-470					12"x13"					7	500~700	PS/2 or Mini Redundant			3		2
GHI-480	x				12"x13"					7	950	Redundant		★2			3
GHI-481	x				12"x13"					7	950	Redundant		★2			3

Chassis Comparison Chart

Air Flow	Disk Mounting VD =Vibration Damping					Keyboard Connector		Dimensions (millimeters/inch)			Front Panel Indicator						Front Panel Controls				
	CFM/EACH	2.5" Int	3.5" Int	5.25" Int	3.5" F.P.	5.25" F.P.	Front	Rear	Width	Height	Depth	On/Off	HD Active	Over Heat	Fan Fail	P.S. Status	LAN Active	On/Off	LAN	USB	Reset
42.5		5		1	2		x	483/19"	133/5.2"	526/20.7"	x	x					x			x	x
42.5		7+☆2		1	2		x	483/19"	133/5.2"	650/25.6"	x	x							x	x	x
23.5/51		7+☆2		1	2		x	483/19"	133/5.2"	526/20.7"	x	x				x	x		x	x	x
15.3/23.5/108		5		1	2		x	483/19"	133/5.2"	526/20.7"	x	x				x	x		x	x	
7/23.5/51		3			△1		x	483/19"	133/5.2"	526/20.7"	x	x				x	x		x	x	x
42.5/51		1		2	2		x	483/19"	133/5.2"	650/25.6"	x	x					x			x	x
23.5/51							x	483/19"	133/5.2"	650/25.6"	x	x		x			x			x	x
7.0/51		2		1	6			483/19"	133/5.2"	650/25.6"	x	x	x	x		x	x		x	x	
10.8/51		2			1		x	483/19"	133/5.2"	400/15.7"	x	x				x	x			x	
23.5/42.5		2		1	1		x	483/19"	133/5.2"	400/15.7"	x	x				x	x		x	x	
7/42.5		4		1	△1		x	483/19"	133/5.2"	400/15.7"	x	x				x	x		x	x	
23.5/90		2+☆1			1			483/19"	133/5.2"	400/15.7"	x	x					x		x	x	
15.3/23.5		6			3		x	483/19"	133/5.2"	510/20.1"	x	x				x	x		x	x	
23.5/51	26				1		x	483/19"	133/5.2"	650/25.6"	x	x	x	x			x		x	x	
7.0/51		12		△1	△1		x	483/19"	133/5.2"	650/25.6"	x	x	x	x		x	x		x	x	
10.8/23.5/42.5		10		△1	1+△1		x	483/19"	133/5.2"	650/25.6"	x	x	x	x		x	x		x	x	
7.0/51		16		△1	△1		x	483/19"	133/5.2"	650/25.6"	x	x	x	x		x	x		x	x	
23.5/84.1		8		1	2			483/19"	133/5.2"	610/24.0"	x	x				x	x		x	x	
23.5/51		8		1	2			483/19"	133/5.2"	650/25.6"	x	x				x	x		x	x	
23.5/51		10		△1	1+△1		x	483/19"	133/5.2"	650/25.6"	x	x	x	x		x	x		x	x	
7/23.5		3		2	1			483/19"	133/5.2"	524/20.6"	x	x				x	x		x	x	
42.5		1		1	2		x	483/19"	178/7"	427/16.8"	x	x					x			x	x
42.5		1		1	2		x	483/19"	178/7"	427/16.8"	x	x					x			x	x
51				1	3	x	x	483/19"	178/7"	451/17.8"	x	x					x				x
51				1	3	x	x	483/19"	178/7"	451/17.8"	x	x					x				x
51				1	3	x	x	483/19"	178/7"	451/17.8"	x	x					x				x
51				1	3	x	x	483/19"	178/7"	451/17.8"	x	x					x				x
23.5/51		1			2			483/19"	177/7"	408/16.1"	x	x					x		x	x	
108		1+☆1			3		x	483/19"	178/7"	510/20.1"	x	x					x				x
108		1+☆1			3		x	483/19"	178/7"	510/20.1"	x	x					x			x	x
108		☆1		1	4	x	x	483/19"	178/7"	510/20.1"	x	x					x			x	x
108		☆1		1	4	x	x	483/19"	178/7"	510/20.1"	x	x					x			x	x
108		☆1		1	3		x	483/19"	178/7"	510/20.1"	x	x					x			x	x
108		☆1		1	3		x	483/19"	178/7"	510/20.1"	x	x					x			x	x
120.2/23.5		1			△1		x	483/19"	178/7"	490/19.3"	x	x					x				
108		☆1		1	3		x	483/19"	178/7"	510/20.1"	x	x					x			x	x
108		☆1		1	3		x	483/19"	178/7"	510/20.1"	x	x					x			x	x
32/90		2		1	3		x	483/19"	178/7"	510/20.1"	x	x					x			x	x
32/90		2		1	3		x	483/19"	178/7"	510/20.1"	x	x					x			x	x
23.5/51		5		1	2		x	483/19"	178/7"	510/20.1"	x	x					x		x	x	x
23.5/51		5		1	2		x	483/19"	178/7"	510/20.1"	x	x					x		x	x	x
42.5/51		☆2		1	3		x	480/18.9"	178/7"	671/26.4"	x	x					x			x	x
42.5/51		☆2		1	3		x	480/18.9"	178/7"	671/26.4"	x	x					x			x	x
51		1+☆2		1	6		x	480/18.9"	178/7"	671/26.4"	x	x					x			x	x
51		1+☆2		1	6		x	480/18.9"	178/7"	671/26.4"	x	x					x			x	x
51		2+☆2		1	3		x	480/18.9"	178/7"	671/26.4"	x	x					x			x	x
51		2+☆2		1	3		x	480/18.9"	178/7"	671/26.4"	x	x					x			x	x
90		4		1	8		x	483/19"	178/7"	624/24.5"	x	x			x	x	x		x	x	
90		4		1	8		x	483/19"	178/7"	574/22.5"	x	x			x	x	x		x	x	
90					10		x	483/19"	178/7"	624/24.5"	x	x			x	x	x		x	x	
23.5/90		10			3			483/19"	177/7"	624/24.5"	x	x				x	x	x	x	x	
51	1	2					x	431/17"	222/8.7"	557/21.9"	x	x					x			x	x
51		2		1	1			431/17"	222/8.7"	557/21.9"	x	x				x	x			x	
42.5/51		5			3			483/19"	178/7"	710/28.0"	x	x	x	x		x	x		x	x	
7.0/90		5		1	2			483/19"	177/7"	624/24.5"	x	x				x	x		x	x	
23.5/90	☆2	16		△1	△1		x	480/18.9"	178/7"	650/25.6"	x	x	x	x		x	x		x	x	
23.5/90	☆2	14		△1	1+△1		x	480/18.9"	178/7"	650/25.6"	x	x	x	x		x	x		x	x	

(F)=Front (H)=Horizontal (V)=Vertical ☆=Optional kit for 3.5" internal Disk Mounting ★= Optional Fan △=For Slim Type Disk

Chassis Comparison Chart

Model	Mounting Configuration options			Board Options		Bus Architecture				Max. Number of Slots	Power Supply Options		Fan space#				
	Rack	Tower	Wall/ Panel	Passive B/P	ATX/AT M/B	CPU	ISA	PCI	cPCI H. 100		Watts	P/S Type	4 cm	6 cm	8 cm	9 cm	12 cm
GHI-B40	x				BTX					7	460~650	PS/2 or Horizontal Redundant		2			1
GHI-M40ATXR	x				12"x10.6"					7	230~700	PS/2 or Horizontal Redundant		★2		3	
GHI-M40SR	x				12"x10.6"					14	230~700	PS/2 or Horizontal Redundant		★2		3	
GHI-M41ATXR	x				12"x10.6"					7	230~700	PS/2 or Horizontal Redundant		★2		3	
GHI-M41SR	x						x	x	x	14	230~700	PS/2 or Horizontal Redundant		★2		3	
GHI-P02	x				5.9"x13"					10	200~250		2x10			4	
GH-520SR	x			x			x	x	x	20	300~400	Vertical Redundant(F) or DC 48V				4	
GH-530ATXR	x				12"x13"					7	300~400	Vertical Redundant(F) or DC 48V				4	
GHI-580	x				12"x13"					7	500x2	Redundant		1	2		3
GHI-581	x				12"x13"					7	500x2	Redundant		2	1		3
GHI-583	x				12"x16"					7	1350/1650	1U Redundant		3			3
GHI-584	x				16"x13"					7	1350/1650	1U Redundant		6			2
GH-600ATXR	x				12"x13"					7	300~700	PS/2 or Horizontal Redundant					4
GHI-611	x			x			x	x	x	20	300~550	PS/2 or Horizontal Redundant					4
GH-620SR	x			x			x	x	x	20	250~400	PS/2 or Horizontal Redundant					4
GHI-690	x				12"x16"					7	1350/1650	1U Redundant					4
GHI-691	x				12"x16"					7	1350/1650	1U Redundant					4
GH-800ATXR	x				12"x13"					7	300~400	PS/2 or Horizontal Redundant				4	1
GH-820SR	x			x			x	x	x	20	300~400	PS/2 or Horizontal Redundant				4	1
GHI-891	x				13"x16"					7	500x2	Redundant		5	1	4	5
GHI-P01	x				12"x13"					10	200~600	1Ux10			10+80		
GHB-B01					9.6"x9.6"					4	150~250	1U 80mm		2			
GHB-B04		x	x	x			x	x	x	4	150	Special					1
GHB-B05			x								200	1U		1			
GHB-B08	x	x	x	x			x	x	x	8	250~400	PS/2 or Mini Redundant					2
GHB-042		x	x	x			x	x	x	4	200~300	1U					1
GHB-043		x	x	x			x	x	x	4	250~300	1U		1			1
GHB-060		x	x	x			x	x	x	6	230~300	PS/2 or Mini Redundant					1
GHB-061		x	x		9.6"x9.6"					4	250~300	Special				1	
GHB-062-6		x	x	x			x	x	x	6	230~300	PS/2 or Mini Redundant					1
GHB-062-8		x	x	x			x	x	x	8	200~350	1U					1
GHB-080		x	x	x			x	x	x	8	230~400	PS/2 or Mini Redundant					1
GHB-082-8		x	x	x			x	x	x	8	200~400	1U					1
GHB-082-10		x	x	x			x	x	x	10	200~300	1U					1
GHB-083-8		x	x	x			x	x	x	8	200~300	1U					1
GHB-083-10		x	x	x			x	x	x	10	200~300	1U					1
GHB-120ATXR		x	x		9.6"x9.6"					7	230~400	PS/2 or Mini Redundant					1
GHB-120SR		x	x	x			x	x	x	10/12	230~400	PS/2 or Mini Redundant					1
GHC-C01	x				Compact PCI				x	2	200~400	1U	4				
GHC-C02	x				Compact PCI				x	4	200~400	1U			2		
GHC-C03	x				Compact PCI				x	5	300~320	2U			1	1	
GHC-C04	x				Compact PCI				x	7	300~320	2U			1	2	
GHC-P03	x				Compact PCI				x	9	300~460	PS/2 or Mini Redundant				2	2+1
GHR-190	x										400	1U	6				
GHR-192	x										300	1U	6				
GHR-219	x				Storage						250~400	PS/2 or Mini Redundant			4		
GHR-290	x				Storage						250~400	PS/2 or Mini Redundant				4	
GHR-390	x										230~700	PS/2 or Mini Redundant				4	
GHR-420	x				Storage						250~400	PS/2 or Mini Redundant				4	
GHR-421	x				Storage						250~400	PS/2 or Mini Redundant				4	
GHR-422	x				Storage						230~460	PS/2 or Mini Redundant				2	
GHR-2104		x			Storage						250~400	PS/2 or Redundant				2	
GHS-1500		x		x	12"x13"		x	x	x	7~14	250~1200	PS/2 or Redundant				5	
GHS-2000		x		x	16"x13"		x	x	x	7~20	250~1200	PS/2 or Redundant				8	2
SG-1200											250~700	PS/2 or Redundant					
SG-4002XC		x		x	12"x13"		x	x	x	7~14	300~400	PS/2 or Redundant				4+★4	
GT-232XC		x			12"x13"					7	250~400	PS/2 or Redundant				1+★1	
GT-332BC		x			12"x13"					7	250~400	PS/2		★1		2	

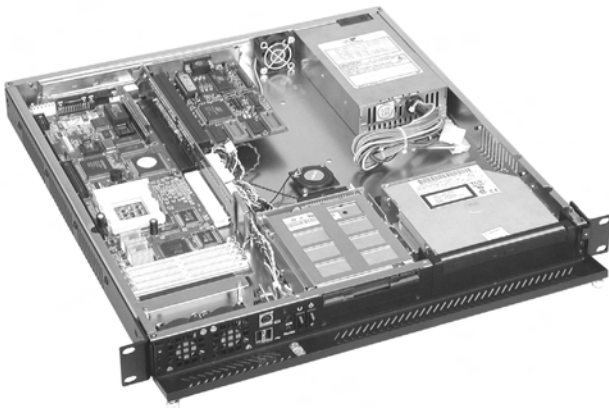
Chassis Comparison Chart

Air Flow	Disk Mounting VD =Vibration Damping					Keyboard Connector		Dimensions (millimeters/inch)			Front Panel Indicator						Front Panel Controls					
	CFM/EACH	2.5" Int	3.5" Int	5.25" Int	3.5" F.P.	5.25" F.P.	Front	Rear	Width	Height	Depth	On/Off	HD Active	Over Heat	Fan Fail	P.S. Status	LAN Active	On/Off	LAN	USB	Reset	Keylock
23.5/108		1		1	3			483/19"	177/7"	510/20.1"	x	x	x	x		x	x		x			
120.2		3		4	△1		x	483/19"	177/7"	510/20.1"	x	x					x				x	x
120.2		3		4	△1		x	483/19"	177/7"	510/20.1"	x	x					x				x	x
120.2		3		3	1		x	483/19"	177/7"	510/20.1"	x	x					x				x	x
120.2		3		3	1		x	483/19"	177/7"	510/20.1"	x	x					x				x	x
15/52	2x10							483/19"	177/7"	650/25.6"	x	x					x	x	x		x	
51				1	4		x	483/19"	222/8.7"	671/26.4"	x	x	x	x	x		x				x	x
51				1	4		x	483/19"	222/8.7"	671/26.4"	x	x	x	x	x		x				x	x
23.5/42.5/90		24+☆2		△1	△1		x	483/19"	222/8.7"	650/25.6"	x	x	x	x		x	x			x	x	
23.5/42.5/90		22+☆2		△1	△1		x	483/19"	222/8.7"	650/25.6"	x	x	x	x		x	x			x	x	
23.5/42.5/90		24		△1	△1		x	483/19"	222/8.7"	650/25.6"	x	x	x	x		x	x			x	x	
23.5/90		24		△1	△1		x	483/19"	222/8.7"	650/25.6"	x	x	x	x		x	x			x	x	
51				1	7		x	483/19"	267/10.5"	671/26.4"	x	x	x	x	x		x				x	x
51		1		1	4		x	483/19"	267/10.5"	671/26.4"	x	x	x	x	x		x				x	x
51				1	7		x	483/19"	267/10.5"	671/26.4"	x	x	x	x	x		x				x	x
51				36			x	483/19"	267/10.5"	671/26.4"	x	x	x	x	x		x				x	
51				36			x	483/19"	267/10.5"	671/26.4"	x	x	x	x	x	x	x			x	x	
51/108				1	7		x	483/19"	356/14"	510/20.1"	x	x	x	x	x		x				x	x
51/108				1	7		x	483/19"	356/14"	510/20.1"	x	x	x	x	x		x				x	x
23.4/42.5/51/90					1			483/19"	354/13.9"	666/26.2"	x	x	x	x		x	x	x	x		x	
8/15		20					x	483/19"	356/14"	830/32.7"	x	x					x	x			x	x
23.5	2				1			350/13.8"	89/3.5"	337/13.3"	x	x					x				x	x
51		1		1			x	110/4.3"	267/10.5"	450/17.7"	x	x					x				x	
23.5								280/11.0"	77.0/3.0"	268/10.6"												
51		1		1	1		x	220/8.7"	267/10.5"	450/17.7"	x	x					x				x	
51		1		1			x	110/4.3"	267/10.5"	450/17.7"	x	x					x				x	
23.5/51		1		1	△1		x	160/6.3"	220/8.6"	260/10.2"	x	x					x				x	x
90		☆1		1	1		x	307/12.1"	177/7"	420/16.5"	x	x					x				x	
51		1		1	1		x	307/12.1"	177/7"	420/16.5"	x	x	x	x	x		x				x	
90		☆1		1	1		x	307/12.1"	177/7"	420/16.5"	x	x	x	x	x		x				x	
90		☆1		1	1		x	307/12.1"	177/7"	420/16.5"	x	x	x	x	x		x				x	
90		1		1	2		x	350/13.8"	177/7"	420/16.5"	x	x	x	x	x		x				x	
90		1		1	2		x	350/13.8"	177/7"	411/16.1"	x	x	x	x	x		x				x	
90		1		1	2		x	350/13.8"	177/7"	411/16.1"	x	x	x	x	x		x				x	
90				1			x	280/11"	237/9.3"	260/10.2"	x	x				x	x				x	x
90				1			x	280/11"	237/9.3"	260/10.2"	x	x				x	x				x	x
90		1		2	2		x	400/15.7"	177/7"	420/16.5"	x	x	x	x		x					x	
90		1		2	2		x	400/15.7"	177/7"	420/16.5"	x	x	x	x		x					x	
10.8								483/19"	44/1.7"	323/12.7"	x	x					x				x	
42.5		1						483/19"	88/3.5"	296/11.7"	x	x					x				x	
42.5/51		1		△1	△1			483/19"	133/5.2"	296/11.7"	x	x					x				x	
42.5/51		2		△1	△1			483/19"	178/7"	296/11.7"	x	x					x				x	
32.5/51/90				1	3			483/19"	355/14"	365/14.4"	x	x					x				x	
15.3		4						483/19"	44/1.7"	450/17.7"	x	x	x	x			x				x	
15.3		4						483/19"	44/1.7"	610/24.0"	x	x	x	x			x				x	
42.5		9						483/19"	88/3.5"	450/17.7"	x	x	x	x			x				x	
42.5		12						483/19"	88/3.5"	650/25.6"	x	x	x	x			x				x	
51								483/19"	88/3.5"	507/20.0"												
51				2	6			483/19"	177/7"	510/20.1"	x	x					x				x	x
51					8			483/19"	177/7"	510/20.1"	x	x					x				x	x
51					9			483/19"	177/7"	510/20.1"	x	x	x	x			x				x	
51					12			200/7.9"	608/24"	435/17.1"	x	x				x	x				x	x
51					15		x	410/16.2"	416/16.4"	710/28"	x	x	x	x	x		x				x	x
51/108					23		x	410/16.2"	600/23.6"	710/28"	x	x	x	x	x		x				x	x
								210/8.3"	608/23.9"	650/25.6"												
51					16		x	424/16.7"	605/23.8"	435/17.1"	x	x				x	x				x	x
51		2		3	2		x	212/8.4"	455/17.9"	435/17.2"	x	x					x				x	
23.5/51		4		2	4		x	212/8.4"	605/23.8"	435/17.2"	x	x					x				x	

(F)=Front (H)=Horizontal (V)=Vertical ☆=Optional kit for 3.5" internal Disk Mounting ★= Optional Fan △=For Slim Type Disk

GHI-100/101

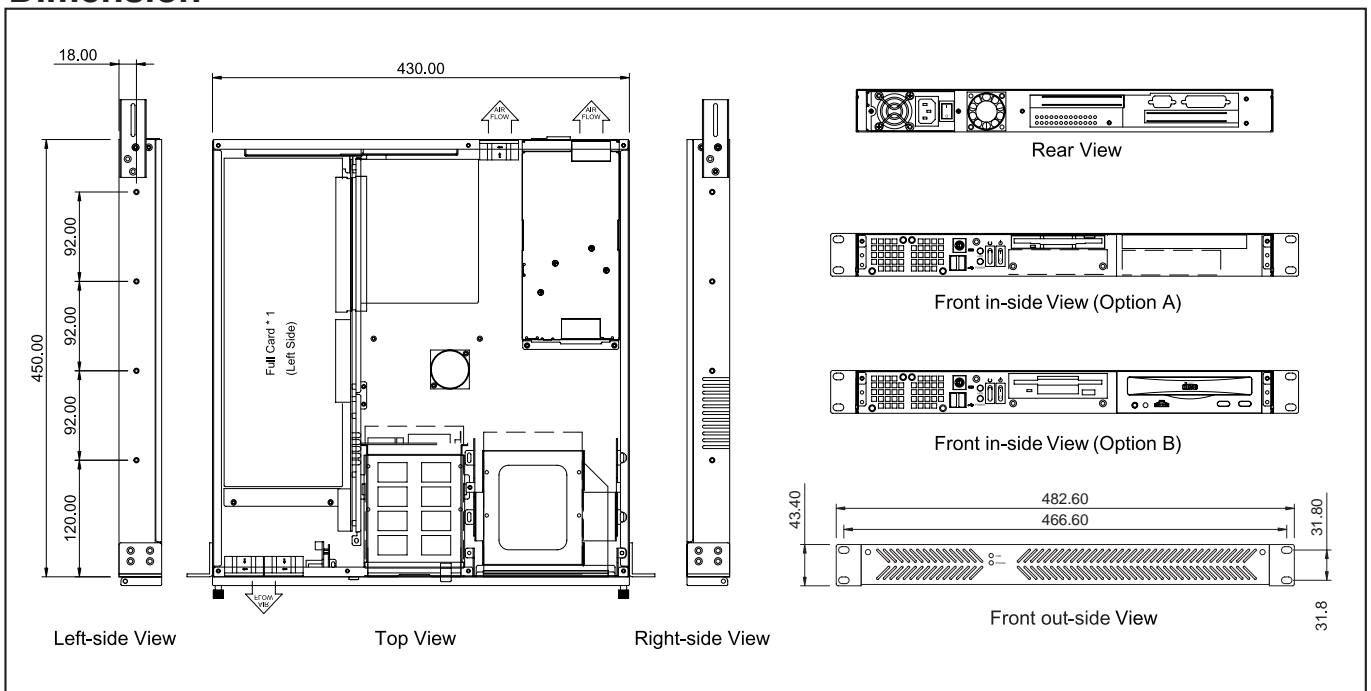
1U Rackmount Chassis



Specifications

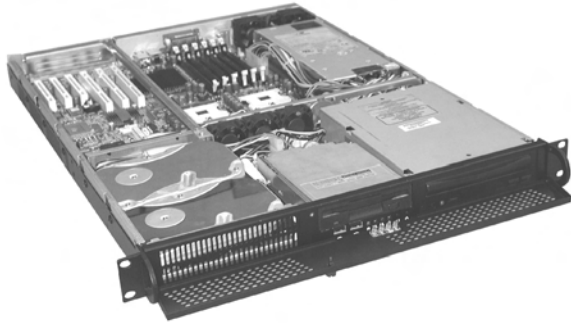
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (standard), Beige or Custom
- **System Boards:** 2 slot (GHI-100) or 3 slot (GHI-101) Passive Backplane
- **Drive Capacity:** (Option A): 1x Slim CD-ROM, 3.5" HDD, & 1x Slim FDD, 3.5" HDD & 1x2.5"HDD(Optional)
(Option B): 1x 5.25" & 1x 3.5" & 1x 2.5"HDD(Optional)
- **Power Supply(Optional):** 1U Single up to 350W ATX P/S (Rear Installation) Max. Depth 205mm
- **Cooling:** 3x (40x20mm = 7CFM ea.) Fans
- **Front Door:** Single Door with 2 Thumbscrews
- **Connector Port (Front):** 2x USB & 1x PS/2 Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset
- **Dimensions (WxHxD):** 483x44x450mm (19" x 1.7" x 17.7")
- **Cuft:** 2.3
- **GW:** 10.0kgs / 22.1lbs
- **Carton Size(cm):** 61.5 x 17.9 x 60.0 (24.2" x 7.0" x 23.6")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-104/104DX

1U Rackmount Chassis

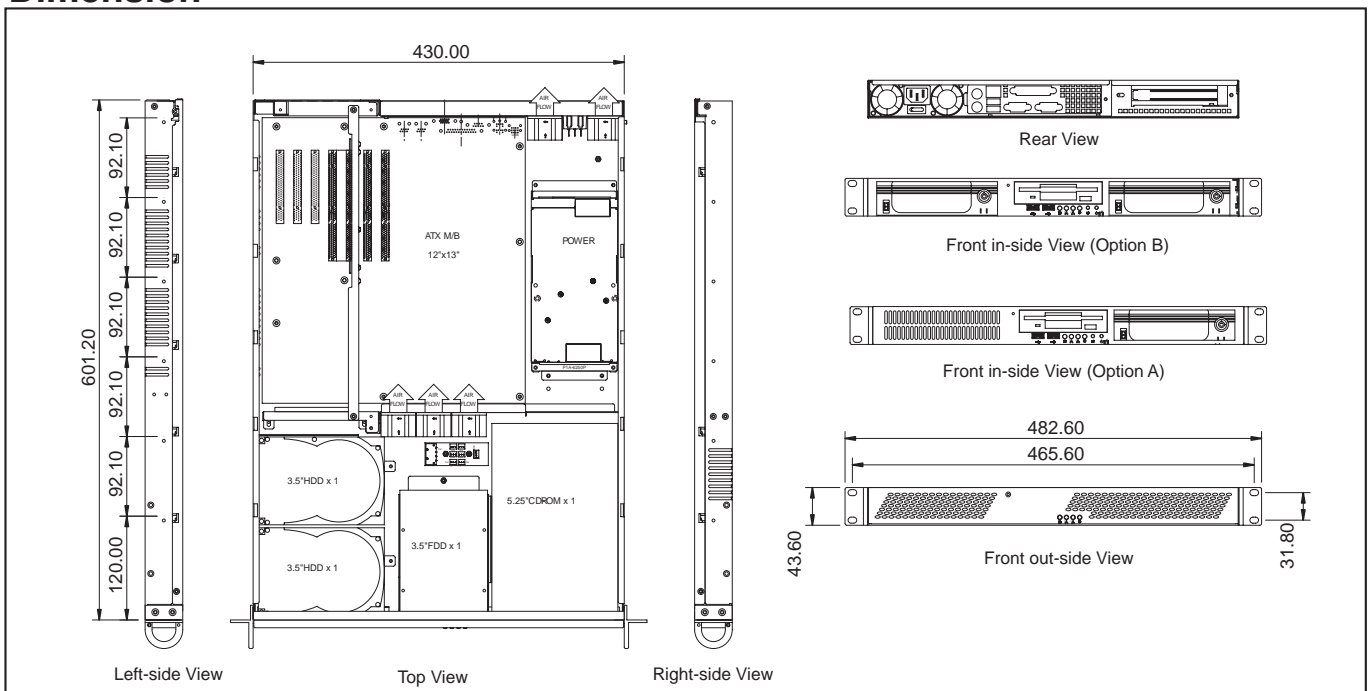


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, Athlon 64, Dual Opteron
- **Support EATX M/B (12"x 13") SSI EEB 3.0**
- **Drive Capacity:**
(Option A): 1x 5.25" & 1x 3.5" & 2x 3.5"HDD
(Option B): 2x 5.25" & 1x 3.5"
- **Power Supply(Optional):** 1U Single up to 500W ATX P/S(Mid Installation) Max. Depth 225mm
- **Cooling:** 3x(40 x 20mm) Fans(7.0CFM ea.) & 2x (40 x 28mm) Fans(15.3CFM ea.)(GHI-104) or 5x (40 x 28mm = 15.3CFM ea.) Fans (GHI-104DX)
- **Front Door:** Single Door with 1 Thumbscrew
- **Riser Card:** GHP-141 (32bit) or GHP-R0103 (64bit) (Optional)
- **Connector Port(Front):** 2x USB Ports
- **Expansion Slots:** 1x Horizontal PCI Slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (WxHxD):** 483x44x605mm(19" x 1.7" x 23.8")
- **Cuft:** 2.8
- **GW:** 10.0kgs / 22.1lbs
- **Carton Size(cm):** 74.5 x 18.5 x 57.3 (29.3" x 7.3" x 22.6")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-105/105DX

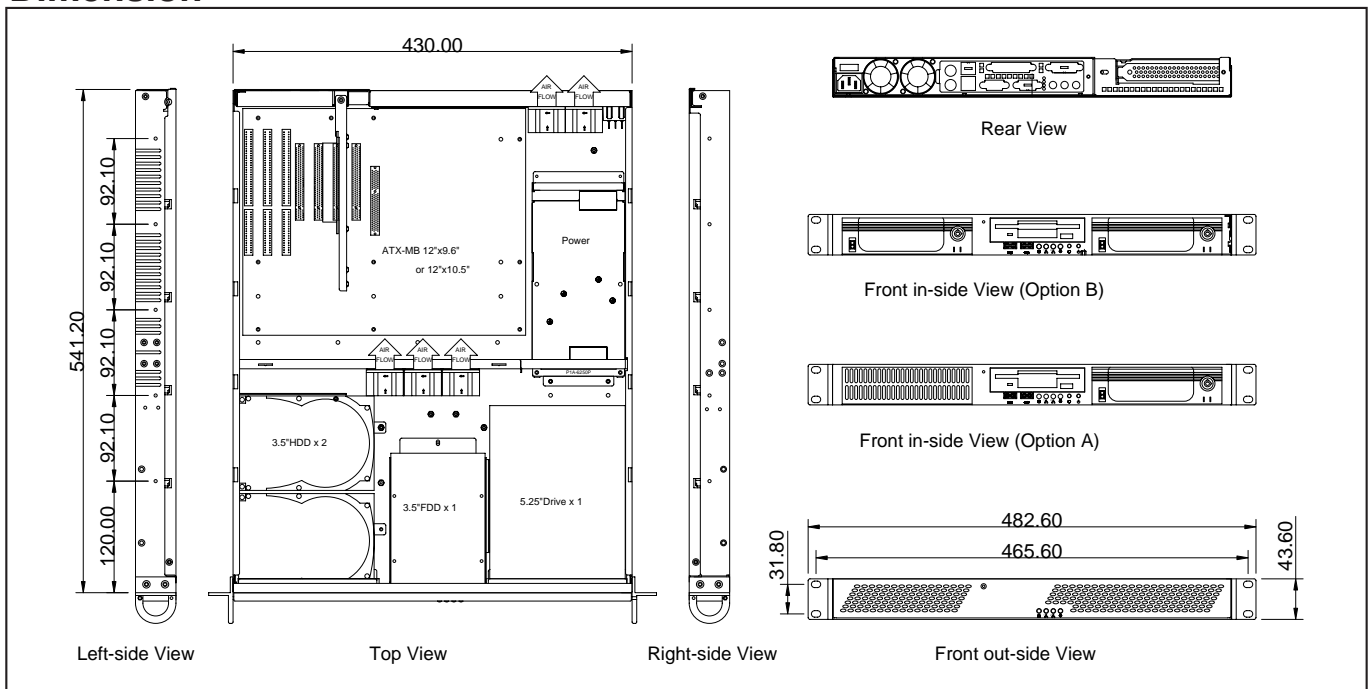
1U Rackmount Chassis



Specifications

- **EIA RS-310C 19"Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, Athlon 64, Opteron
- **Support ATX M/B (Max. to 12" x 10.5")**
- **Drive Capacity:**
 (Option A): 1x 5.25" & 1x 3.5" & 2x 3.5"HDD
 (Option B): 2x 5.25" & 1x 3.5"
- **Power Supply(Optional):** 1U Single up to 500W ATX P/S(Mid Installation) Max. Depth 215mm
- **Cooling:** 3x (40 x 20mm = 7CFM ea.) & 2x (40 x 28mm = 15.3CFM ea.) Fans (GHI-105), or 5x(40 x 28mm = 15.3CFM ea.) Fans (GHI-105DX), Extra 2x40mm Mid Installation Fans (Optional)
- **Front Door:** Single Door with 1 Thumbscrew
- **Riser Card:** GHP-141 (32bit) or GHP-R0103 (64bit) (Optional)
- **Connector Port(Front):** 2x USB Ports
- **Expansion Slots:** 1x Horizontal PCI Slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions(WxHxD):** 483x44x542mm(19" x 1.7" x 21.3")
- **Cuft:** 2.6
- **GW:** 14.0kgs / 30.9lbs
- **Carton Size(cm):** 68.5 x 18.5 x 57.3 (27" x 7.3" x 22.6")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-106

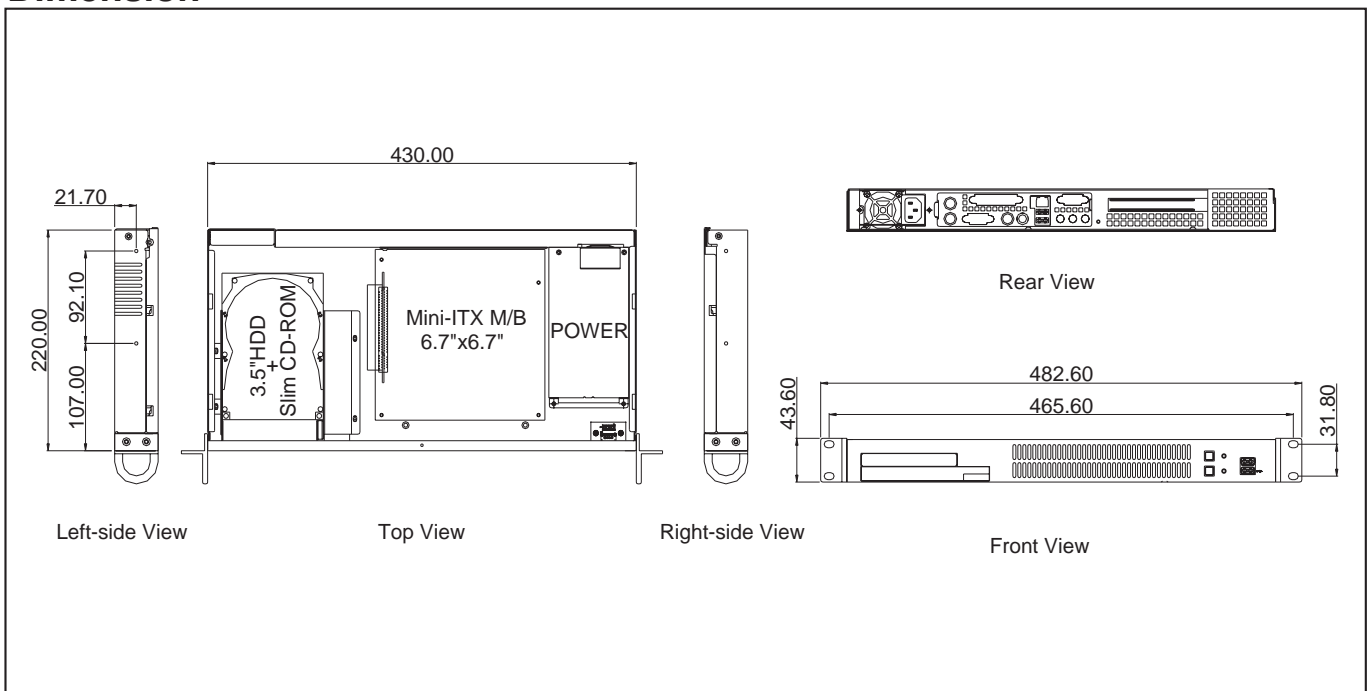
1U Rackmount Chassis



Specifications

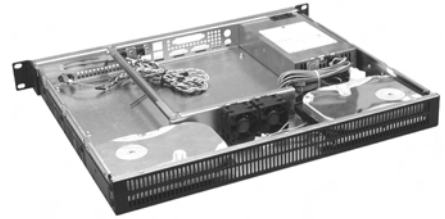
- EIA RS-310C 19" Rackmount Standard
- Construction: Heavy Duty Cold Rolled Electroplated Steel
- Color: Black (Standard), Beige or Custom
- Support Mini-ITX M/B (Max. to 6.7"X 6.7")
- Drive Capacity:
 - (Option A): 1x Slim CD-ROM, 1x Slim FDD, 1x 2.5"HDD
 - (Option B): 1x Slim CD-ROM, 1x 3.5" HDD
- Power Supply(Optional): 1U Single 200W ATX P/S(Rear Installation) Max. Depth 150mm
- Cooling: 2 x (40 x 20mm = 7CFM ea) Fans (Optional)
- Riser Card: GHP-141 (Optional)
- Connector Port(Front): 2xUSB Ports
- Indicators: LEDs for Power ON/OFF, HDD Activity
- Switch: Power ON/OFF Momentary (Square), System Reset
- Dimensions (WxHxD): 483x43x220mm(19" x 1.7" x 8.7")
- Cufit: 1.3
- GW: 4.8kgs / 10.6lbs
- Carton Size(cm): 57.3 x 18.5 x 35.5 (22.6" x 7.3" x 14.0")
- Humidity : 5% - 95% Non-condensing

Dimension



GHI-107

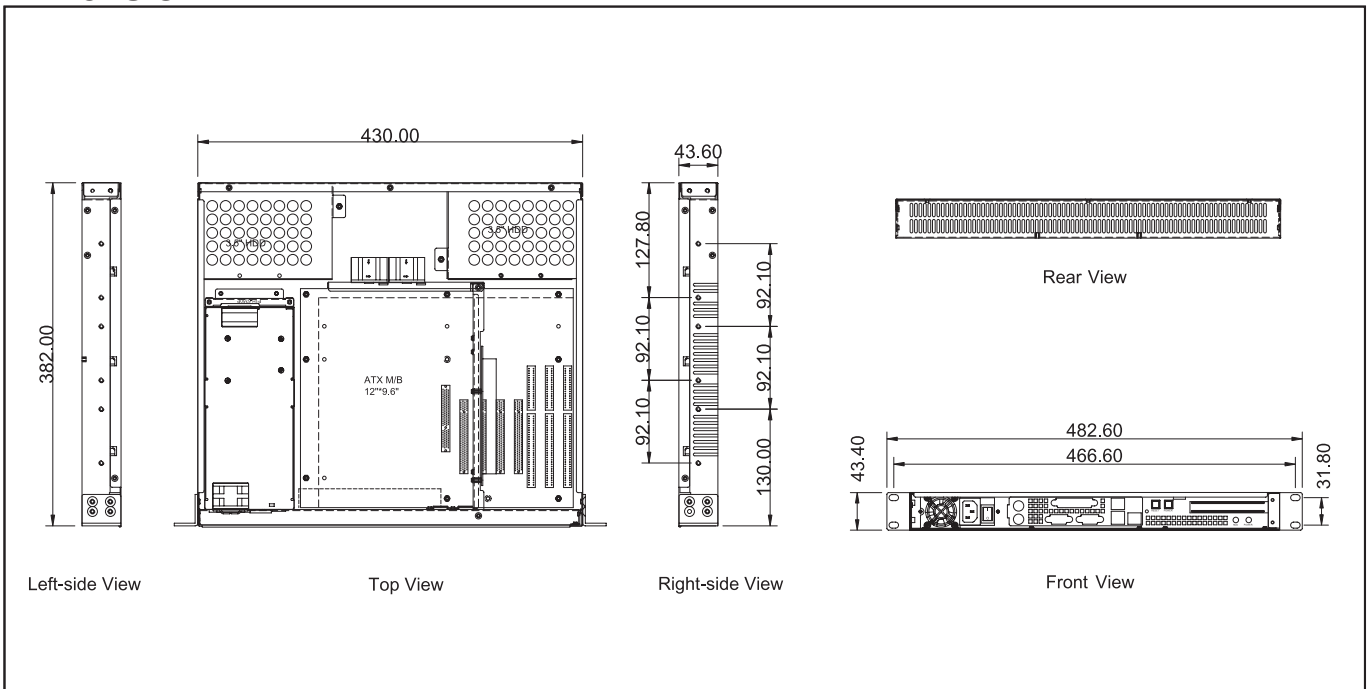
1U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Dual Operton, Pentium 4, Dual Pentium III
- **Support ATX M/B (Max. to 12" x 9.6") SSI EEB 3.0**
- **Drive Capacity:** 2x 3.5" HDD
- **Power Supply(Optional):** 1U 250~400W ATX P/S, Max Depth 190mm
- **Changeable Front and Rear Rackmount**
- **Cooling:** 2x (40 x 28mm = 15.3CFM ea.) Fans
- **Riser Card:** GHP-141(32bit) (Optional)
- **Expansion Slots:** 1x Horizontal PCI Slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 483 x 44 x 382mm (19.0" x 1.7" x 15.0")
- **Cuft:** 2.0
- **GW:** 7.6kgs / 16.8lbs
- **Carton Size(cm):** 53.5 x 18.0 x 58.3 (21.1" x 7.1" x 23.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-107A

1U Rackmount Chassis

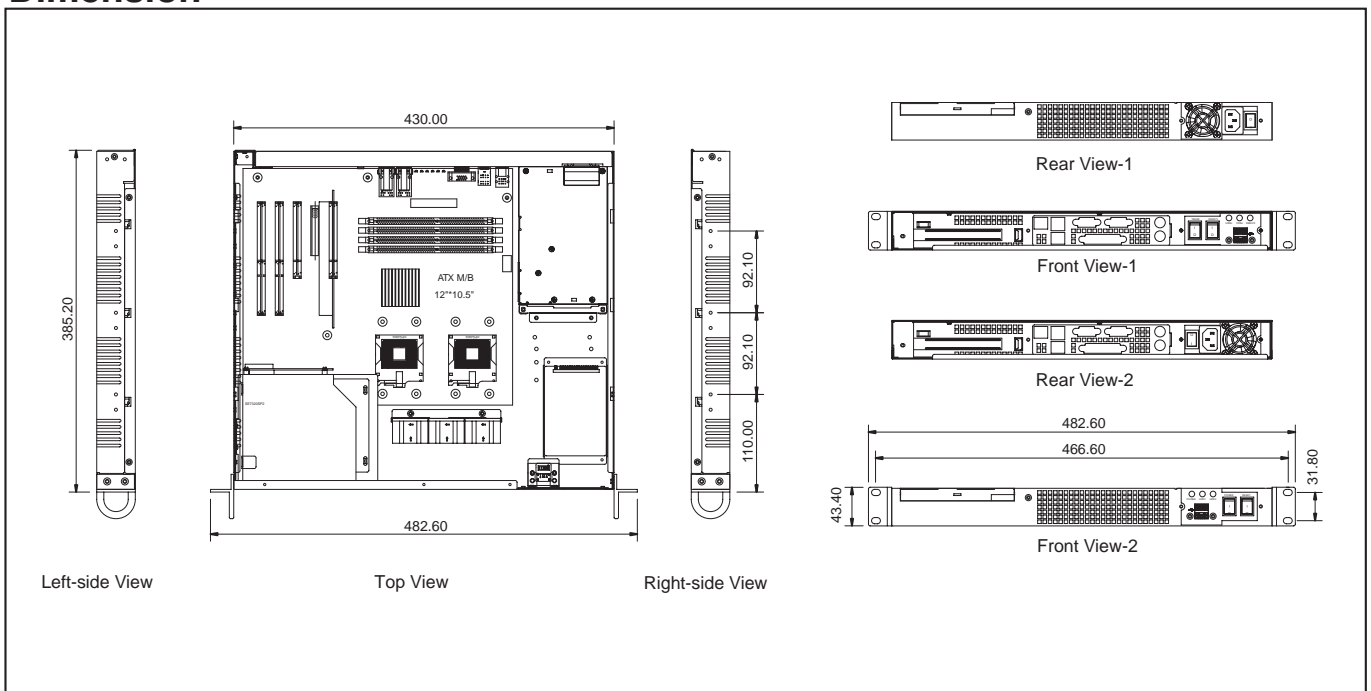


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Dual Operton, Pentium 4, Dual Pentium III
- **Support ATX M/B (Max. to 12" x 10.5")**
- **Changeable Front and Rear Rackmount**
- **Drive Capacity:** 1xSlim CD-ROM & 1x2.5" HDD(for 12" x 10.5" M/B) or 1x 3.5"HDD(for 12" x 9.6" M/B)
- **Power Supply(Optional):** 1U up to 400W ATX P/S, Max Depth 190mm
- **Cooling:** 3x (40x28mm = 15.3CFM ea.) Fans
- **Riser Card:** GHP-141(32bit) (Optional)
- **Connector Port(Front):** 2x USB Ports
- **Expansion Slots:** 1x Horizontal PCI Slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 483 x 44 x 386mm (19.0" x 1.7" x 15.2")
- **Cuft:** 2.1
- **GW:** 7.5 kgs / 16.5 lbs
- **Carton Size(cm):** 52.0 x 19.0 x 59.0 (20.5" x 7.5" x 23.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-108

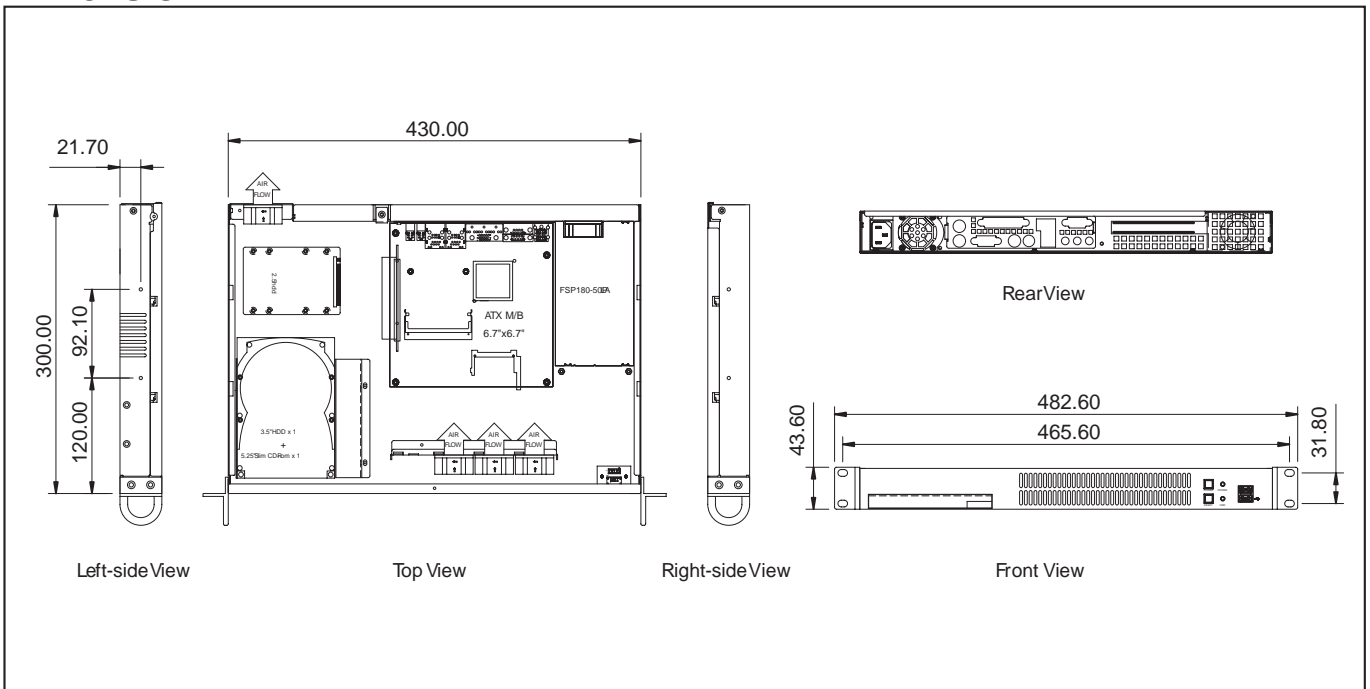
1U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support Mini-ITX M/B (Max. to 6.7" X 6.7")**
- **Drive Capacity:** 1x Slim CD-ROM, 1x 3.5" HDD, 1x 2.5" HDD
- **Power Supply(Optional):** 1U Single up to 200W ATX P/S(Rear Installation) Max. Depth 150mm
- **Cooling:** 3x (40 x 20mm=7CFM ea.) Fans & 1x(40 x 20mm=7CFM ea.) Fan (Optional)
- **Riser Card:** GHP-141(32bit) (Optional)
- **Extension Port(Front):** 2xUSB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary (Square), System Reset
- **Dimensions (W x H x D):** 483 x 44 x 300mm (19" x 1.7" x 8.7")
- **Cuft:** 1.3
- **GW:** 6.6 kgs / 14.6 lbs
- **Carton Size(cm):** 43.0 x 15.4 x 56.0 (16.9" x 6.1" x 22.0")
- **Humidity :** 5% - 95% Non-condensing

Dimension



GHI-109

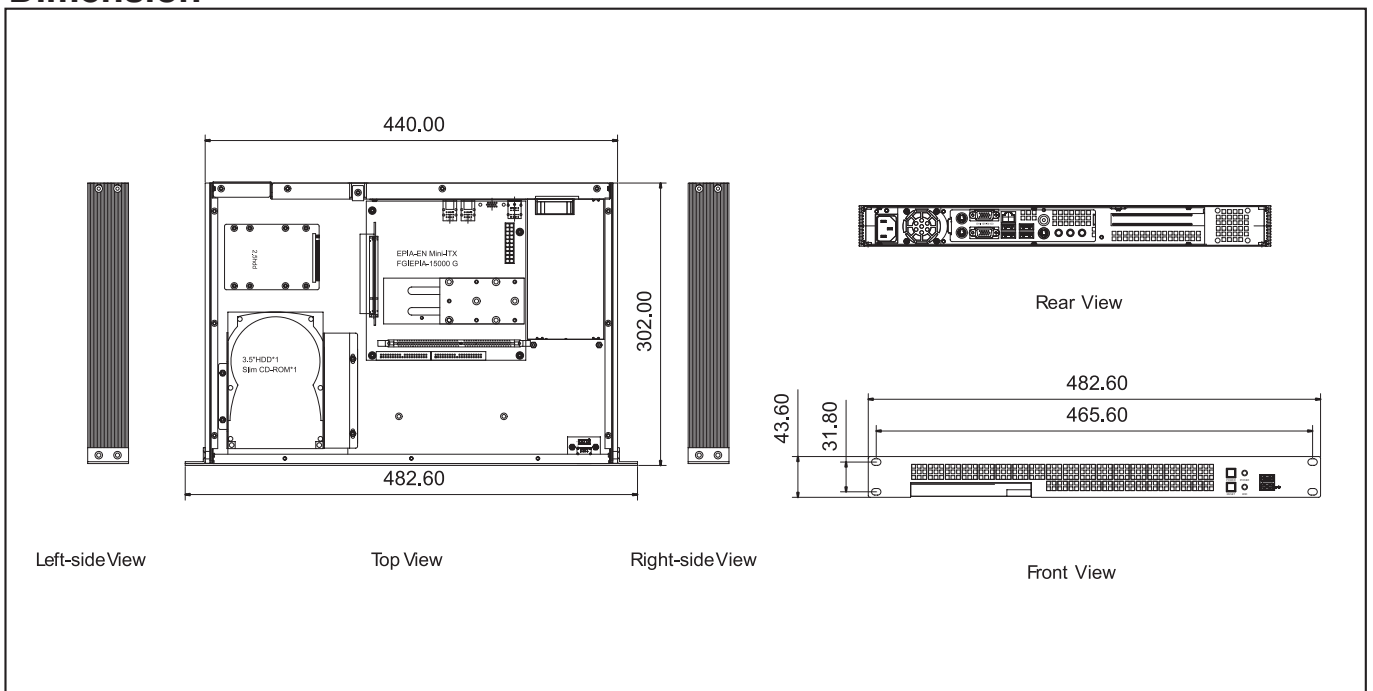
1U Rackmount Fanless Chassis



Specifications

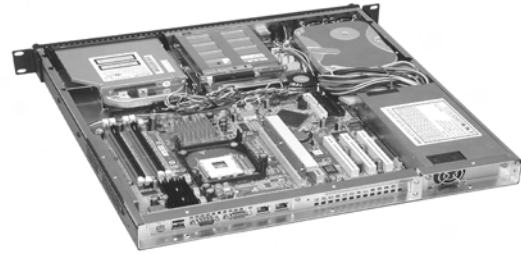
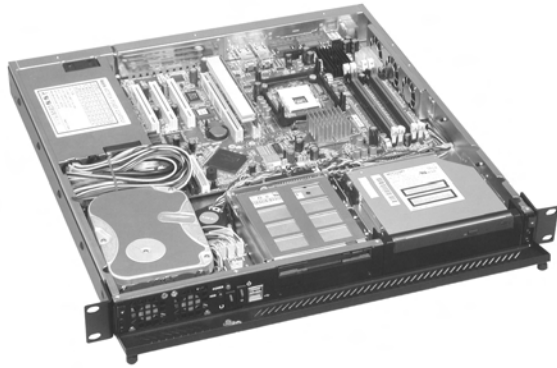
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support Mini-ITX M/B (6.7" x 6.7")**
- **Drive Capacity:** 1x Slim CD-ROM & 1x 3.5"HDD & 1x 2.5"HDD
- **Power Supply(Optional):** 1U up to 400W ATX P/S, (Rear Installation) Max. Depth 190mm
- **Cooling:** With Heat Sink and Heat Pipe (for CPU and Chip) Fanless Designed
- **Connector Port(Front):** 2x USB Ports
- **Riser Card:** GHP-141(32bit) (Optional)
- **Expansion Slots:** 1x Horizontal PCI Slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 483 x 44 x 302mm (19.0" x 1.7" x 11.9")
- **Cuft:** 1.3
- **GW:** 6.9 kgs / 15.2 lbs
- **Carton Size(cm):** 43.0 x 15.4 x 56.0 (16.9" x 6.1" x 22.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-110

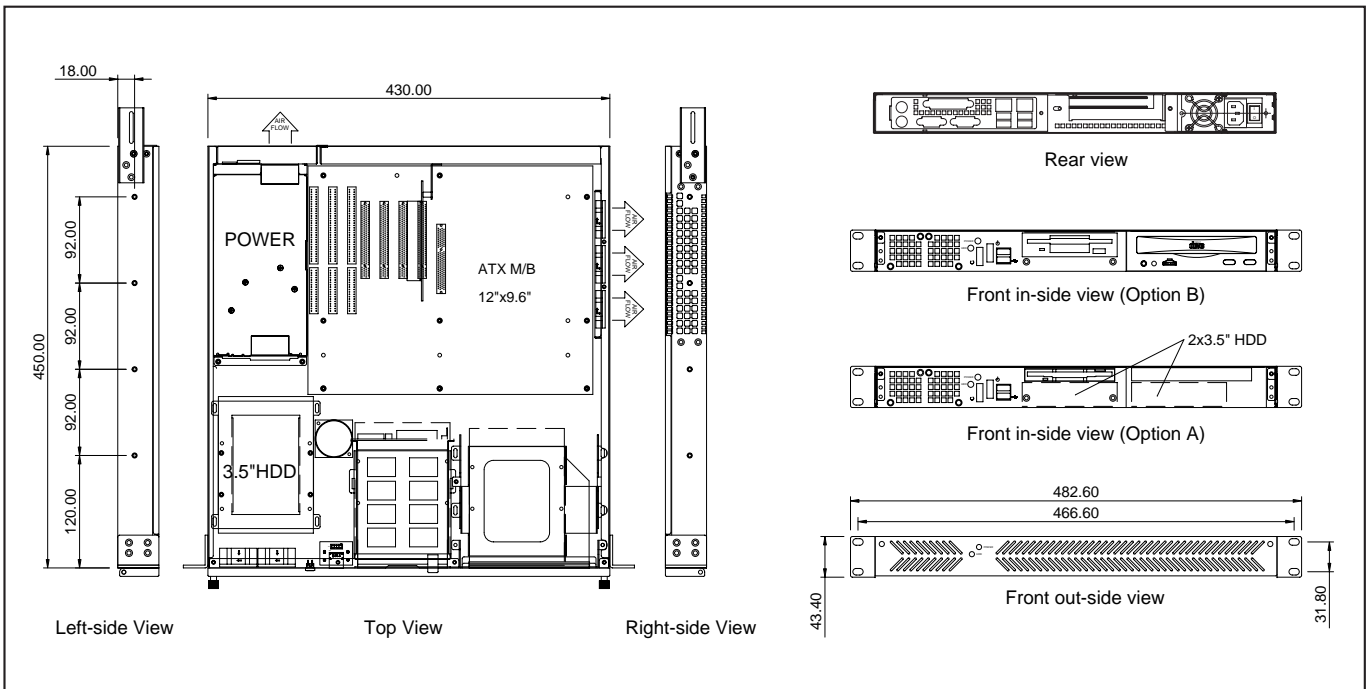
1U Rackmount Chassis



Specifications

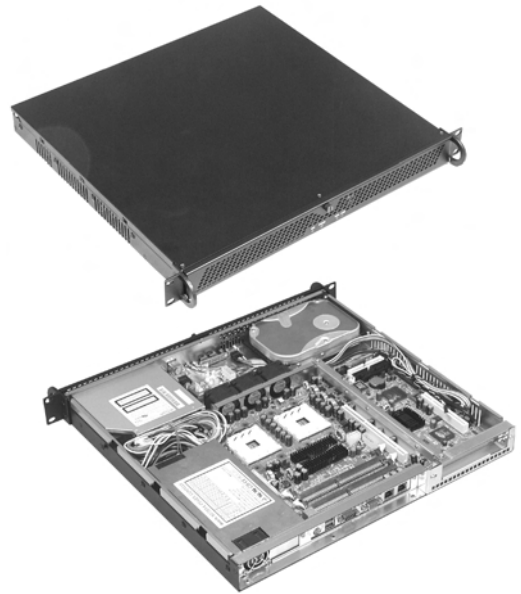
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** (Option A): 1x Slim CD-ROM, 3.5"HDD & 1x Slim FDD, 3.5"HDD & 1x 3.5"HDD
(Option B): 1x5.25" & 1x3.5"FDD & 1x3.5"HDD
- **Power Supply(Optional):** 1U Single up to 350W ATX P/S(Rear Installation) Max. Depth 205mm
- **Cooling:** 2x (40 x 20mm = 7CFM ea.) & 3x (40 x 10mm) Fans
- **Front Door:** Single Door With 2 Thumbscrews
- **Riser Card:** GHP-141(32Bit) or GHP-R0103(64Bit) (Optional)
- **Connector Port(Front):** 2x USB Ports
- **Expansion Slots:** 1x Horizontal PCI Slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset
- **Dimensions (WxHxD):** 483x44x450mm(19" x 1.7" x 17.7")
- **Cuft:** 2.3
- **GW:** 10.0kgs / 22.1lbs
- **Carton Size(cm):** 61.5 x 17.9 x 60 (24.2" x 7.1" x 23.6")
- **Humidity :** 5% - 95% Non-condensing

Dimension



GHI-112

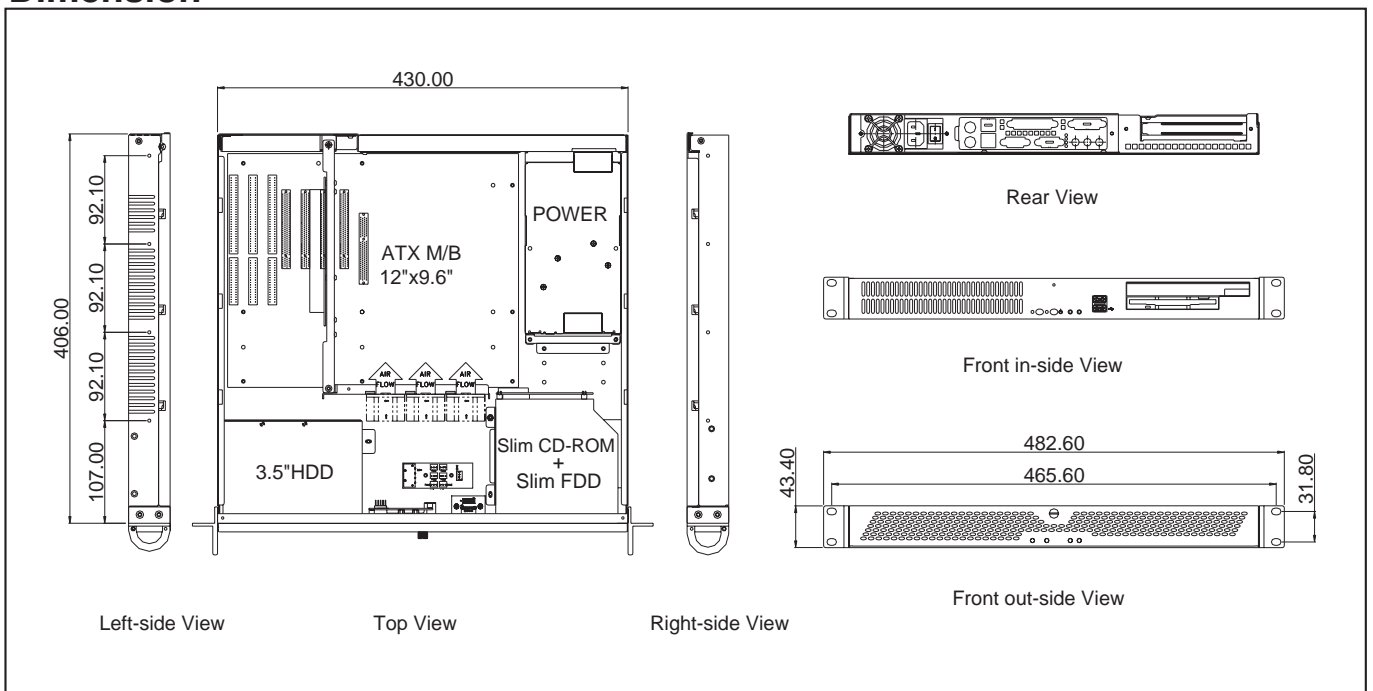
1U Rackmount Chassis



Specifications

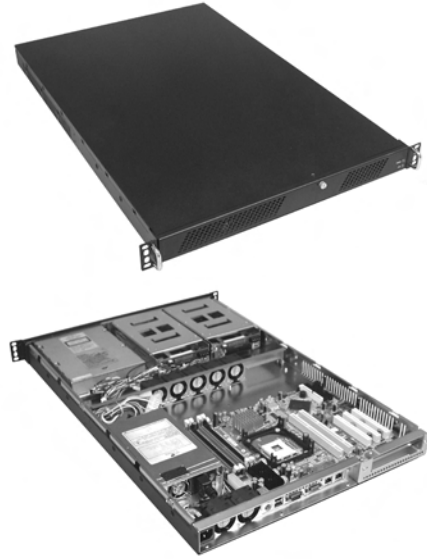
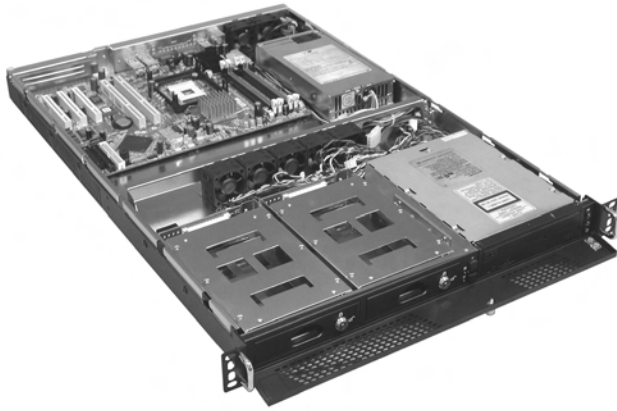
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Opteron
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** 1x Slim CD-ROM & 1x Slim FDD & 1x 3.5"HDD
- **Power Supply(Optional):** 1U Single up to 350W ATX P/S (Rear Installation) Max. Depth 205mm
- **Cooling:** 3x (40 x 28mm = 15.3CFM ea.) Fans
- **Connector Port(Front):** 2x USB Ports
- **Front Door:** Single Door With 1 Thumbscrew
- **Riser Card:** GHP-141 (32bit) or GHP-R0103 (64bit) (Optional)
- **Expansion Slots:** 1x Horizontal PCI Slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary (Oval), System Reset
- **Dimensions (W x H x D):** 483 x 44 x 407mm (19" x 1.7" x 16.0")
- **Cuft:** 2.1
- **GW:** 7.0kgs / 15.4lbs
- **Carton Size(cm):** 58.0 x 18.5 x 55.5 (22.8" x 7.3" x 21.9")
- **Humidity :** 5% - 95% Non-condensing

Dimension



GHI-113

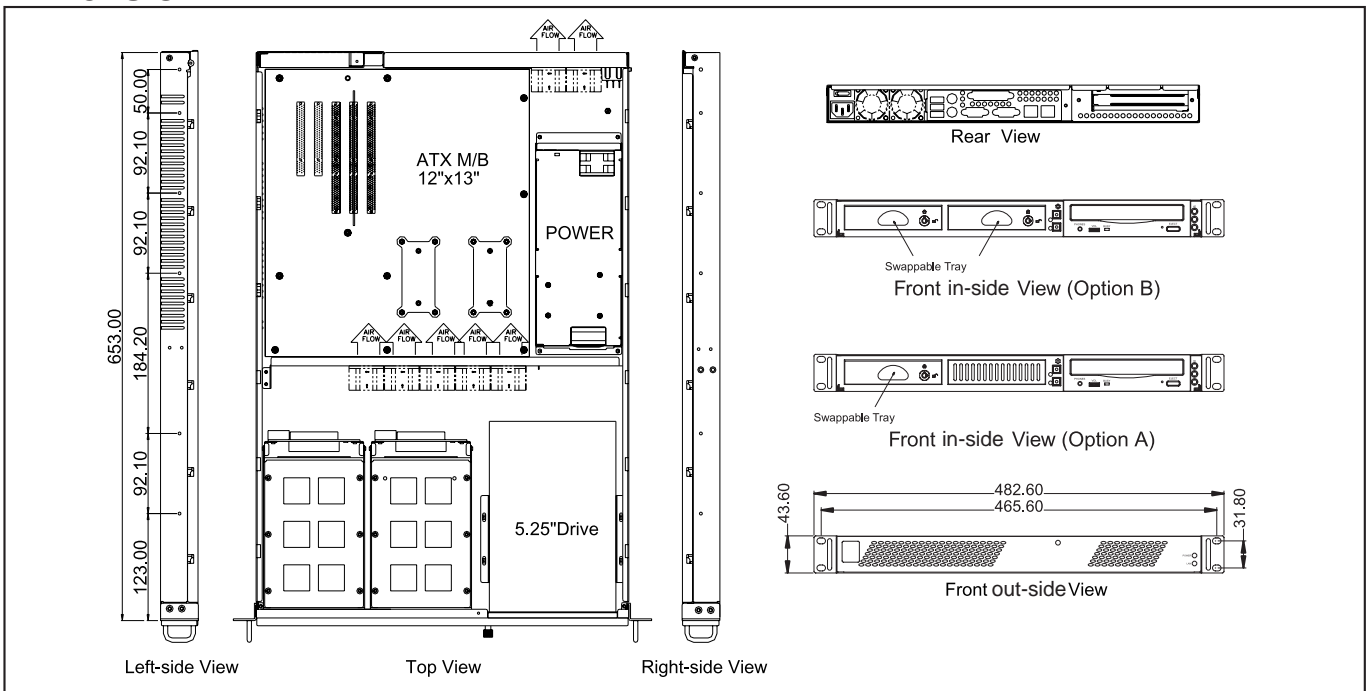
1U Rackmount Chassis



Specifications

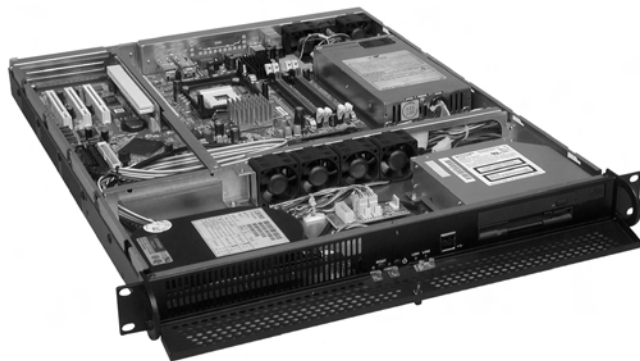
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:**
 (Option A): 1x 5.25", 1x 3.5" Open & 1x 3.5" Swappable
 (Option B): 1x 5.25" & 2x 3.5" Swappable
- **Drive Interface:** PATA, SATA, SCSI320 or SAS
- **Power Supply(Optional):** 1U Single up to 500W ATX P/S(Mid Installation) Max. Depth 250mm
- **Cooling:** 7x (40 x 28mm = 15.3CFM ea.) Fans
- **Front Door:** Single Door with 1 Thumbscrew
- **Riser Card:** GHP-141 (32bit) or GHP-R0103 (64bit) (Optional)
- **Connector Port(Front):** 2x USB Ports
- **Expansion Slots:** 1x Horizontal PCI Slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary (Square), System Reset
- **Dimensions (WxHxD):** 483x44x650mm(19" x 1.7" x 25.6")
- **Cuft:** 3.1
- **GW:** 14.5kgs / 32lbs
- **Carton Size(cm):** 59.4 x 18.2 x 81.8 (23.4" x 7.2" x 32.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-114

1U Rackmount Chassis

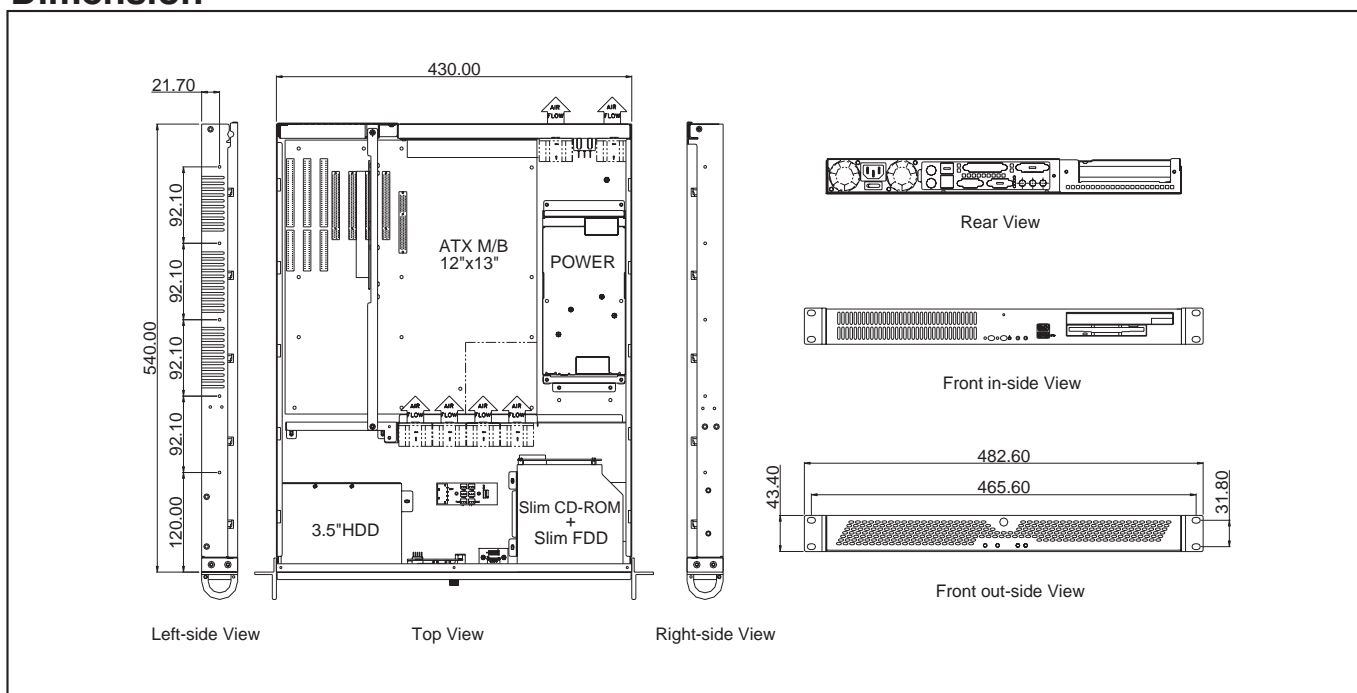


19" Rackmount

Specifications

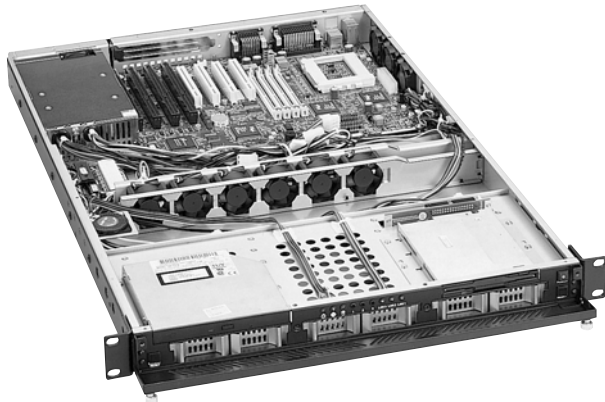
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 1x Slim CD-ROM & 1x Slim FDD & 1x 3.5" HDD
- **Power Supply(Optional):** 1U Single up to 500W ATX P/S(Mid Installation) Max. Depth 225mm
- **Cooling:** 6x (40 x 28mm = 15.3CFM ea.) Fans
- **Front Door:** Single Door With 1 Thumbscrew
- **Riser Card:** GHP-141(32bit) or GHP-R0103(64bit) (Optional)
- **Connector Port(Front):** 2x USB Ports
- **Expansion Slots:** 1xHorizontal PCI Slot
- **Indicators:** LEDs for Power ON/OFF, LAN, HDD Activity
- **Switch:** Power ON/OFF Momentary (Oval), System Reset
- **Dimensions (WxHxD):** 483x44x543mm(19" x 1.7" x 21.4")
- **Cuft:** 2.5
- **GW:** 10.0kgs / 22.1lbs
- **Carton Size(cm):** 67.1 x 18.5 x 56.0 (26.4" x 7.3" x 22.1")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-130

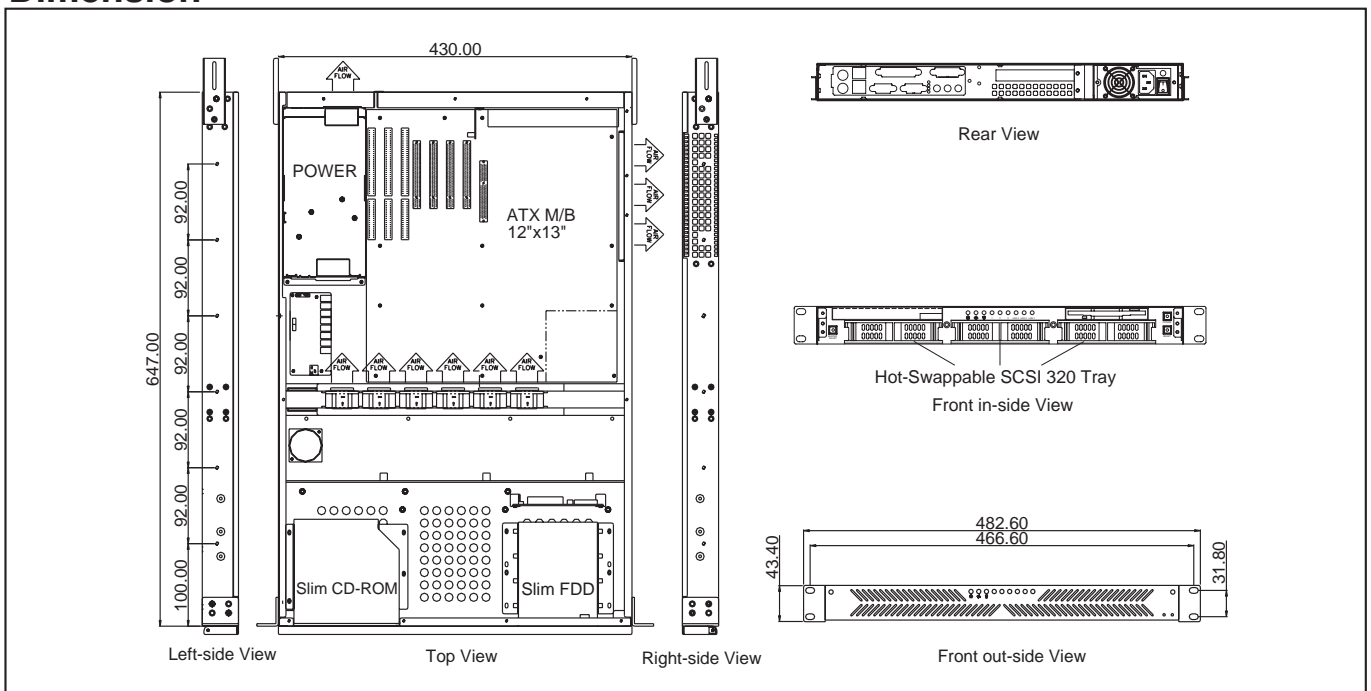
1U Rackmount Chassis



Specifications

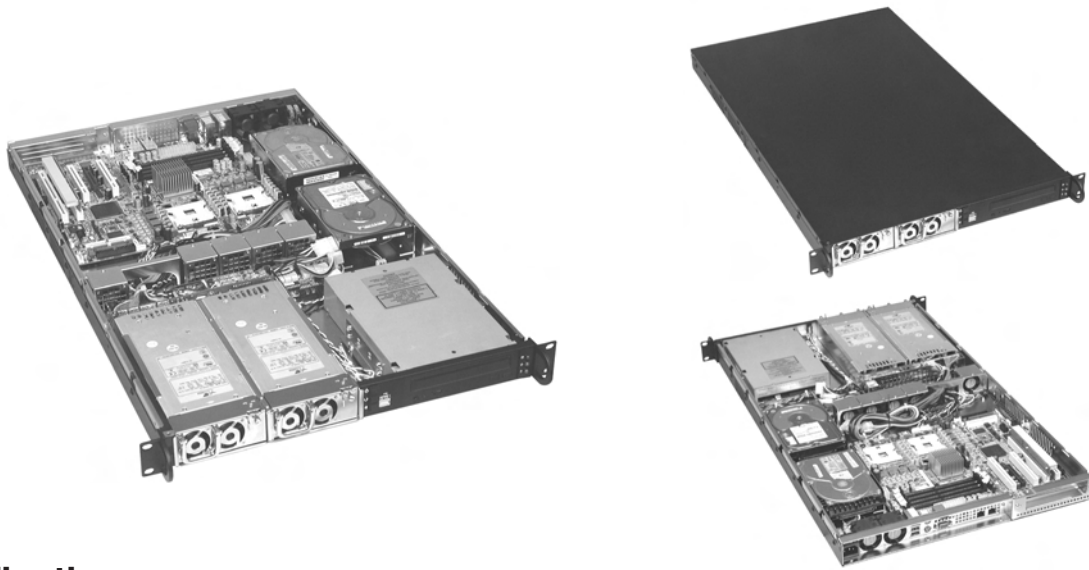
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Pentium III
- **Support EATX M/B (Max. to 12" x 13")**
- **Drive Capacity:** 1x Slim CD-ROM & 1x Slim FDD & 3x 3.5" Hot Swappable SCSI 320 Trays
- **Drive Interface:** SCSI320
- **Power Supply(Optional):** 1U Single up to 300W ATX P/S(Rear Installation) Max. Depth 205mm
- **Cooling:** 6x (40 x 20mm = 7CFM ea.) & 3x (40 x 10mm) Fans
- **Front Door:** Single Door with 2 Thumbscrews
- **Riser Card:** GHP-141 (32bit) or GHP-R0103 (64bit) (Optional)
- **Expansion Slots:** 1x Horizontal PCI Slot
- **Thermal Management Card:** GHA-CO02
- **Indicators:** LEDs for Power ON/OFF, LAN, HDD Activity, Fans, Temperature
- **Switch:** Power ON/OFF Momentary (Square), System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 483x44x650mm (19" x 1.7" x 25.6")
- **Cuft:** 3.1
- **GW:** 14.5kgs / 32.0lbs
- **Carton Size(cm):** 59.4 x 18.2 x 81.8 (23.4" x 7.2" x 32.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-142

1U Rackmount Chassis

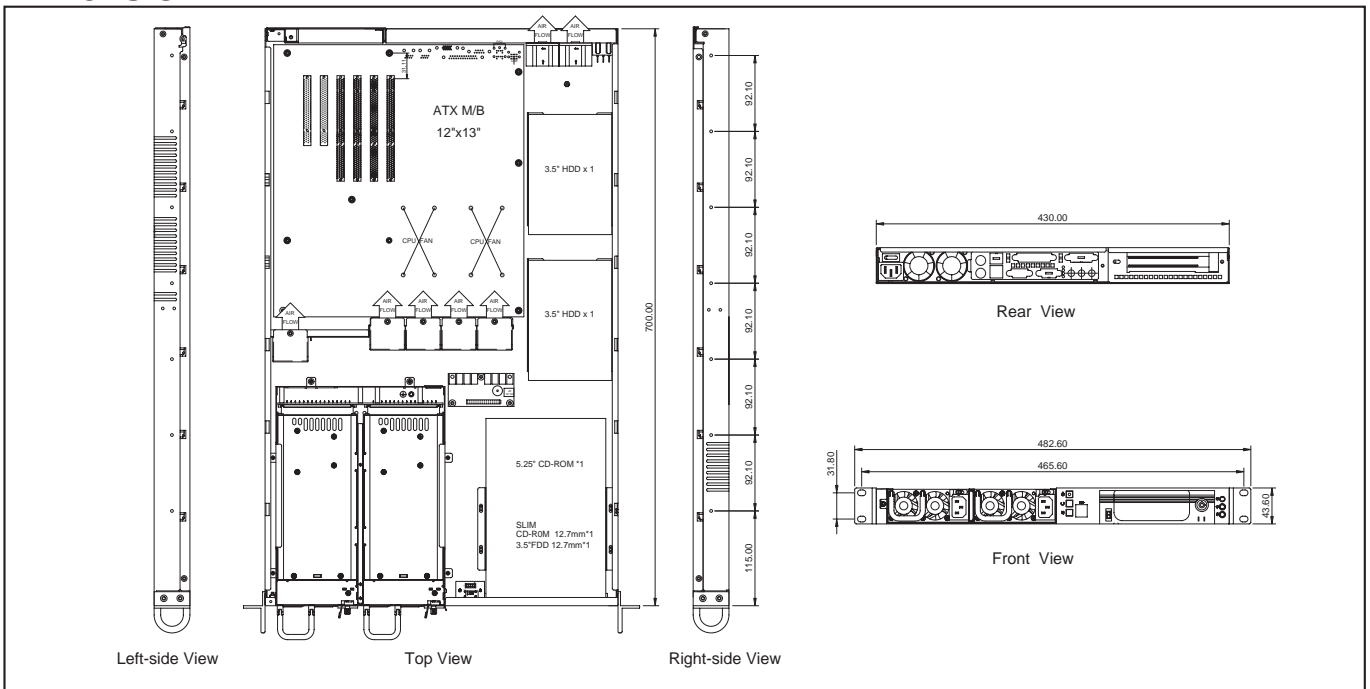


19" Rackmount

Specifications

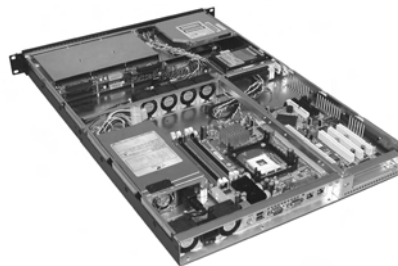
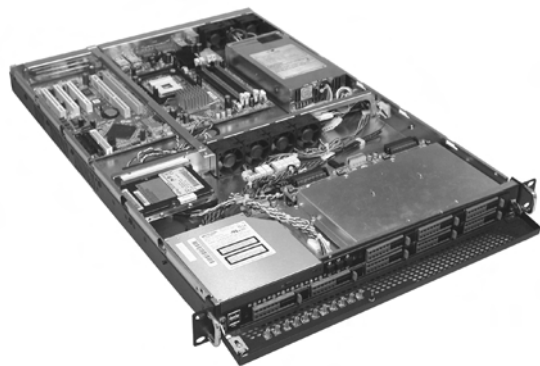
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support EATX M/B (Max. to 12" x 13")**
- **Drive Capacity:** 1x Slim CD-ROM & 1x Slim FDD
(or 1x5.25" CD-ROM) & 2x 3.5" HDD
- **Power Supply(Optional):** 1U Redundant up to 400W ATX P/S(Front Installation)
- **Cooling:** 7x (40x28 mm = 15.3CFM ea.) Fans
- **Connector Port(Front):** 2x USB Ports
- **Riser Card:** GHP-141(32bit) or GHP-R0103(64bit)
(Optional)
- **Expansion Slots:** 1x Horizontal PCI Slot
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, LAN, HDD Activity, Fans, Temperature
- **Switch:** Power ON/OFF Momentary (Square), System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 483x44x700mm (19" x 1.7" x 27.6")
- **Cuft:** 3.1
- **GW:** 14.5kgs / 32.0lbs
- **Carton Size(cm):** 59.4 x 18.2 x 81.8(23.4" x 7.2" x 32.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-160

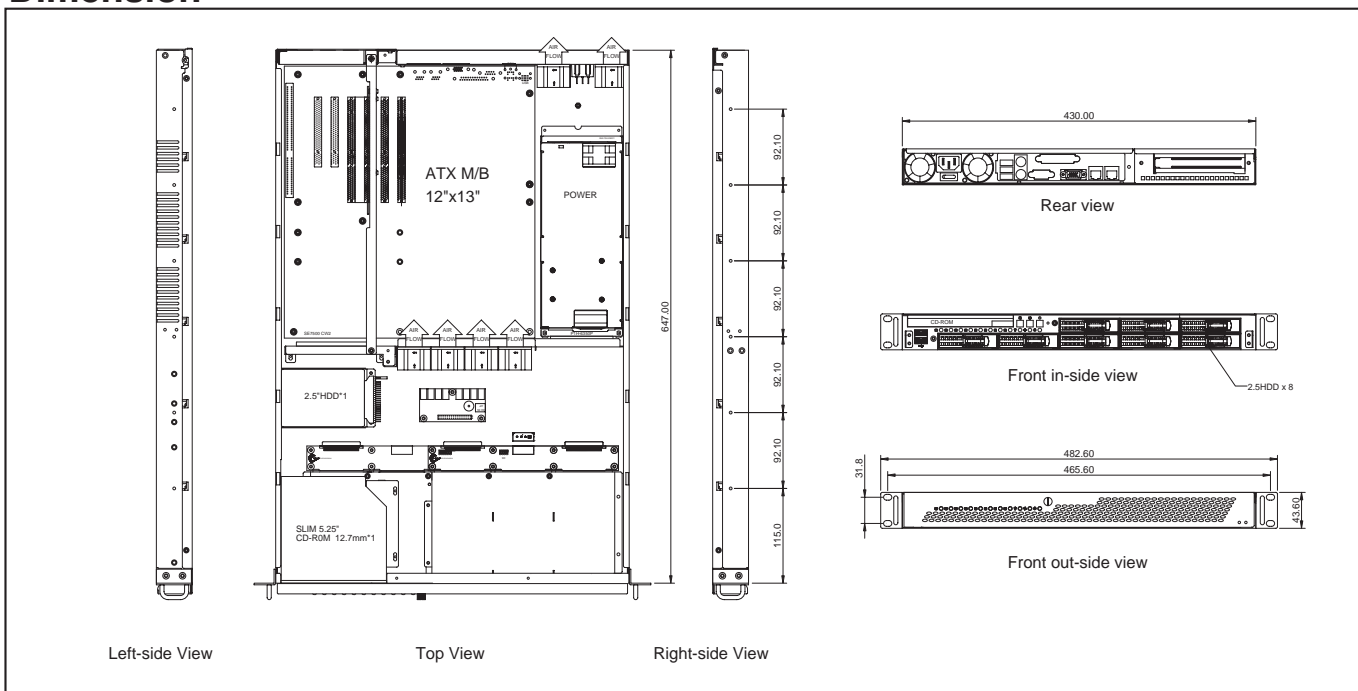
1U Rackmount Chassis



Specifications

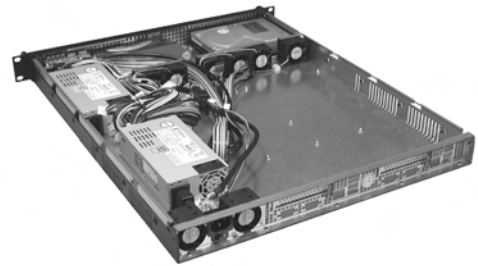
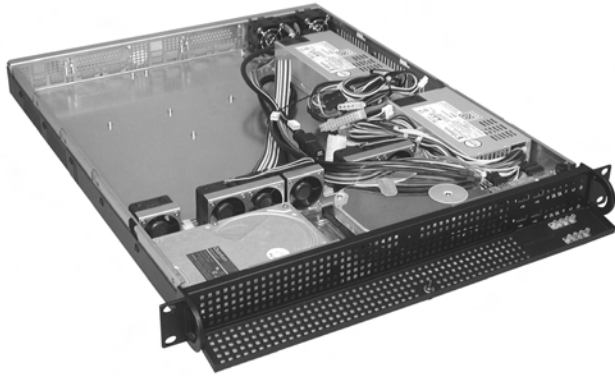
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Supports EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 8x Hot Swap 2.5" Drive Tray & 1x Slim CD-ROM & 1x 2.5"HDD
- **Drive Interface:** SCSI320 or SAS
- **Power Supply (Optional):** 1U Single up to 500W ATX P/S (Mid Installation) Max. Depth 225mm
- **Cooling:** 6x (40x28mm = 15.3CFM ea.) Fans
- **Front Door:** Single Door with 1 Thumbscrew
- **Riser Card:** GHP-141 (32bit) or GHP-R0103 (64bit) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots:** 1x Horizontal PCI Slot
- **Thermal Management Card:** GHA-CO02
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 483x44x650mm(19" x 1.75" x 25.6")
- **Cuft:** 3.1
- **GW:** 12.8kgs / 28.2 lbs
- **Carton Size (cm):** 59.4 x 18.2 x 81.8 (23.4" x 7.2" x 32.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-170

1U Rackmount Chassis

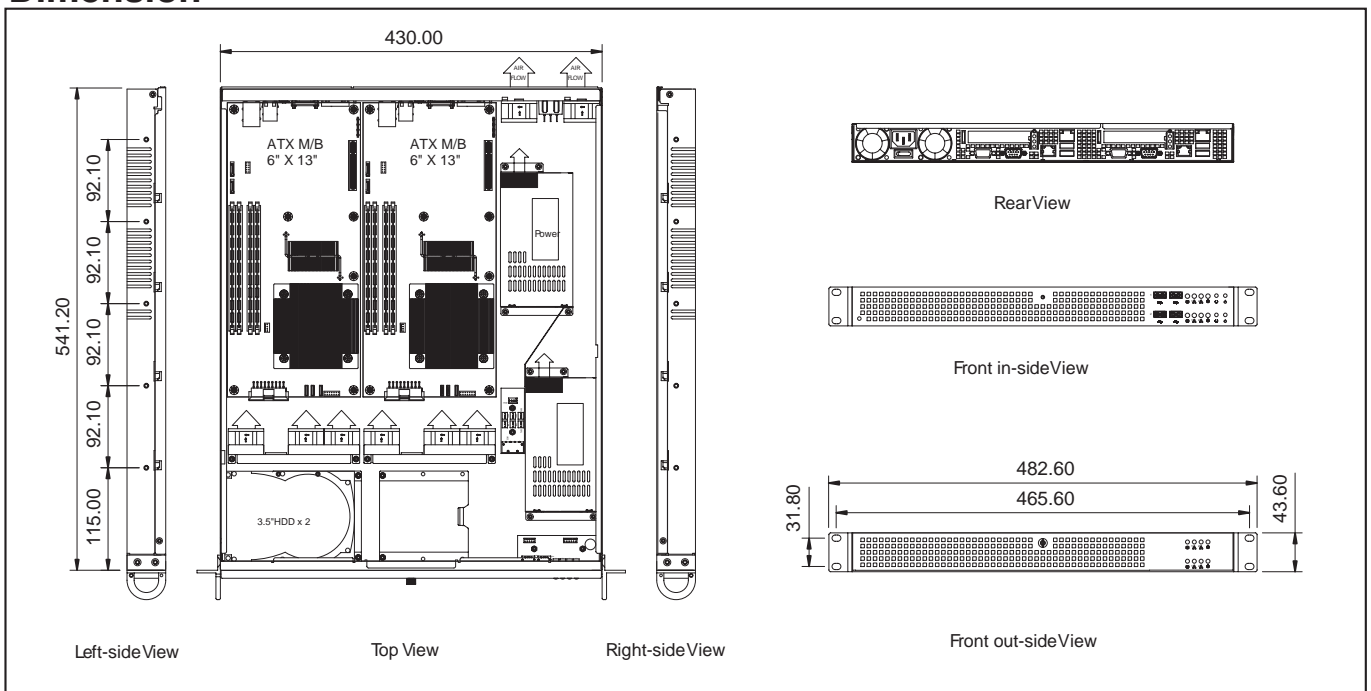


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support Dual ATX M/B (Max. to 6" x 13")**
- **Drive Capacity:** 2x 3.5" HDD
- **Power Supply(Optional):** 1U 200~250W ATX P/S, Max. Depth 190mm
- **Cooling:** 6x (40 x 20mm = 7CFM ea.) & 2x (40 x 28mm=15.3CFM ea.) Fans
- **Front Door:** Single Door With 1 Thumbscrew
- **Riser Card:** GHP-141 (32bit) (Optional)
- **Connector Port(Front):** 4x USB Ports
- **Expansion Slots:** 2x Horizontal PCI Slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, LAN
- **Switch:** Power ON/OFF Momentary, System Reset
- **Dimensions(W x H x D):** 483 x 44 x 542mm (19.0" x 1.7" x 21.3")
- **Cuft:** 2.6
- **GW:** 9.7 kgs / 21.4 lbs
- **Carton Size(cm):** 35.5 x 18.5 x 57.3 (14.0" x 7.3" x 22.6")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-180

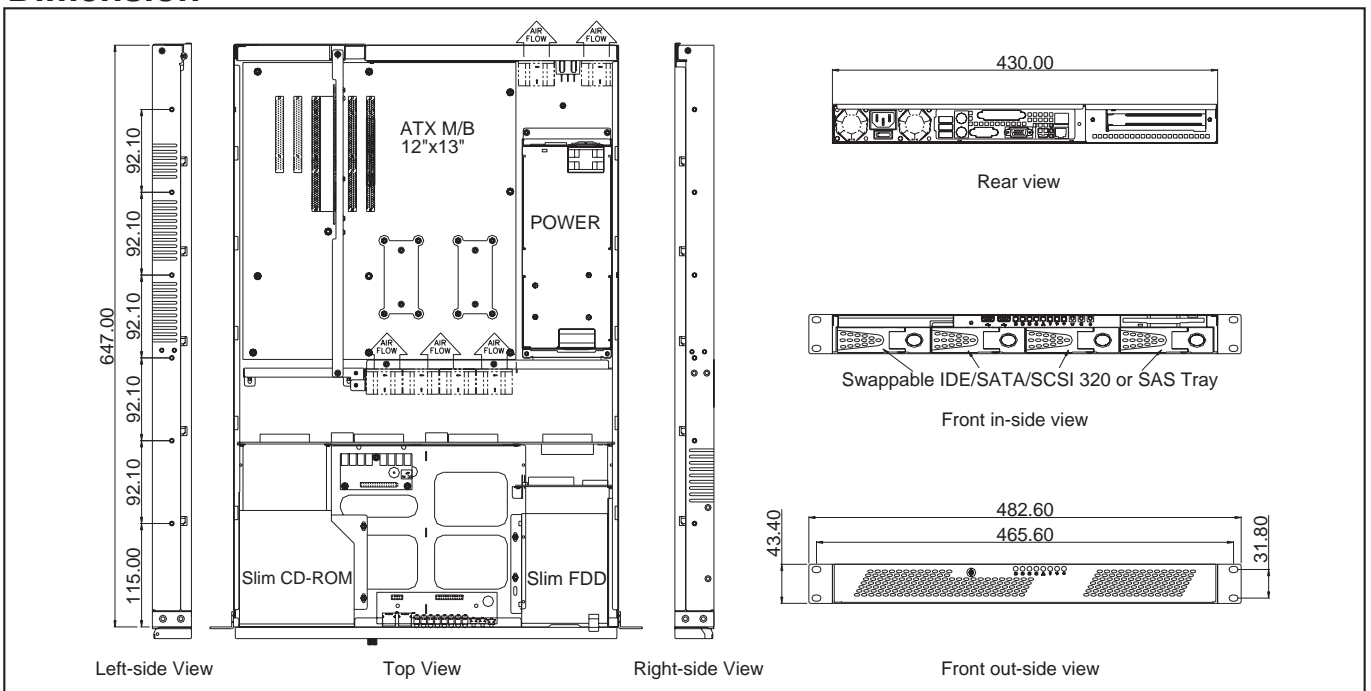
1U Rackmount Chassis



Specifications

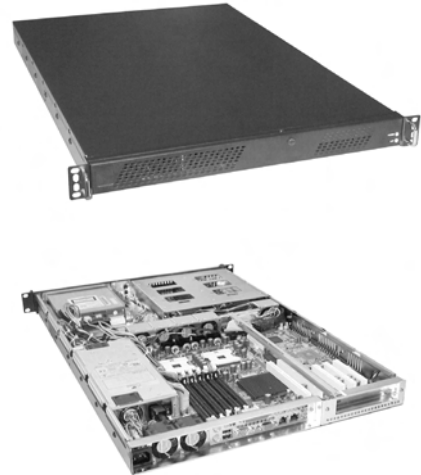
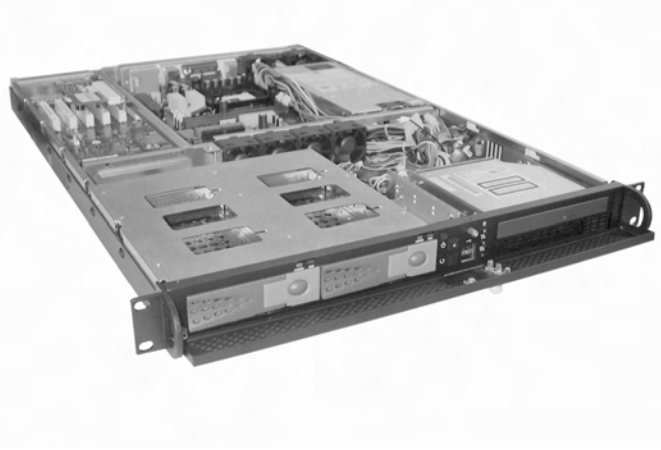
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Dual Operton, Pentium 4, Dual Pentium III
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 1x Slim CD-ROM & 1x Slim FDD & 4x 3.5"Swappable
- **Drive Interface:** PATA, SATA, SCSI320, Multilane SATA or SAS
- **Power Supply(Optional):** 1U Single up to 400W ATX P/S(Mid Installation) Max. Depth 225mm
- **Cooling:** 6x (40 x 28mm = 15.3CFM ea.) Fans
- **Front Door:** Single Door with 1 Thumbscrew
- **Riser Card:** GHP-141 (32bit) or GHP-R0103 (64bit) (Optional)
- **Connector Port(Front):** 2x USB Ports
- **Expansion Slots:** 1x Horizontal PCI Slot
- **Indicators:** LEDs for Power ON/OFF, LAN, HDD Activity, Fans, Temperature
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 483x44x650mm(19" x 1.7" x 25.6")
- **Cuft:** 2.9
- **GW:** 12.8kgs / 28.2lbs
- **Carton Size(cm):** 54.9 x 18.2 x 81.8 (23.4" x 7.2" x 32.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-181

1U Rackmount Chassis

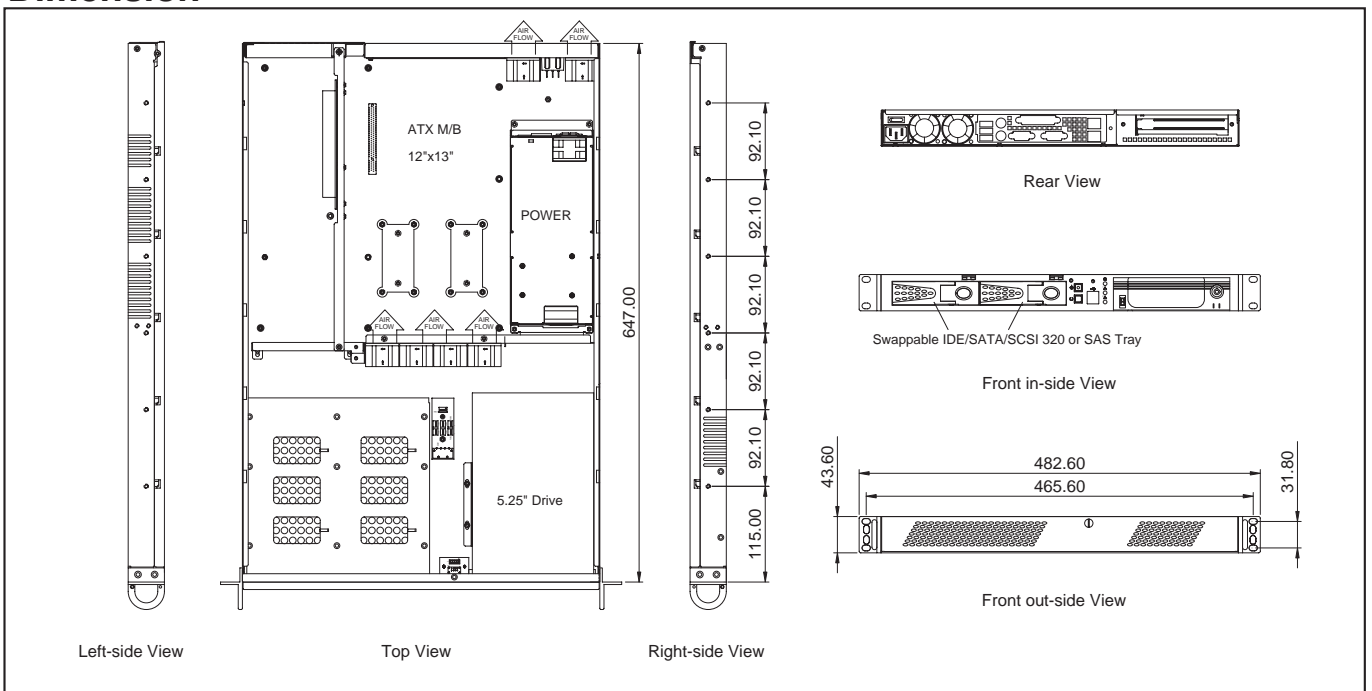


19" Rackmount

Specifications

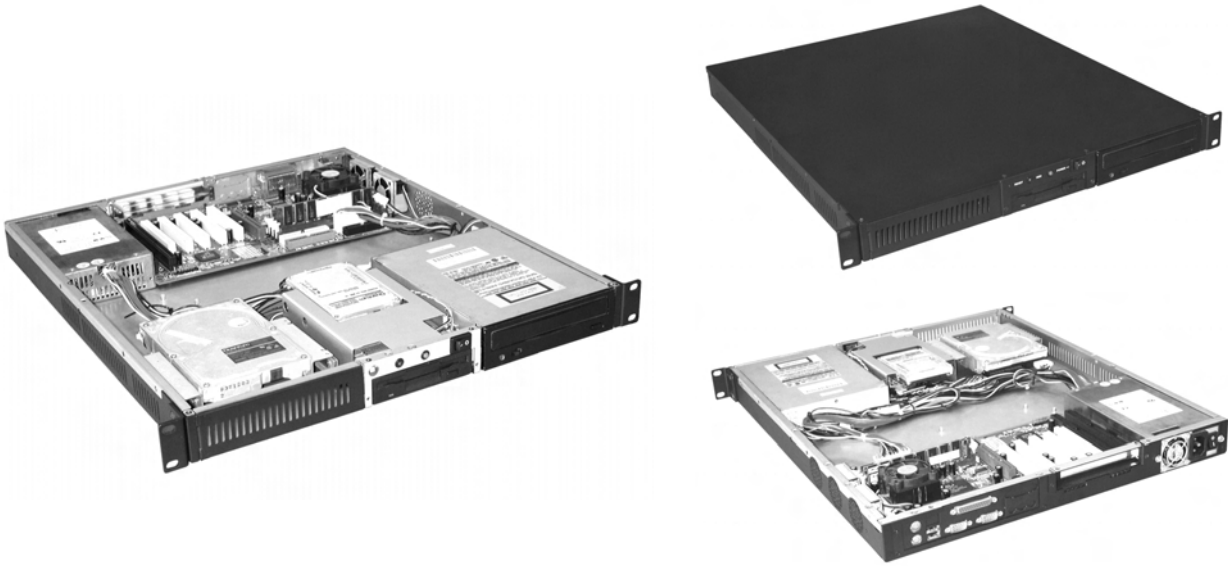
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, Dual Pentium III
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:**
(Option A): 1x 5.25", 1x 3.5" Open & 1x 3.5" Swappable
(Option B): 1x 5.25" & 2x 3.5" Swappable
- **Drive Interface:** PATA, SATA, SCSI320 or SAS
- **Power Supply(Optional):** 1U Single up to 500W ATX P/S(Mid Installation) Max. Depth 225mm
- **Cooling:** 6x (40 x 28mm = 15.3CFM ea.) Fans,
1x (40 x 28mm = 15.3CFM ea.) Fans (Optional)
- **Front Door:** Single Door with 1 Thumbscrew
- **Riser Card:** GHP-141 (32bit) or GHP-R0103 (64bit) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots:** 1x Horizontal PCI Slot
- **Indicators:** LEDs for Power ON/OFF, LAN, HDD Activity
- **Switch:** Power ON/OFF Momentary (Square), System Reset
- **Dimensions (WxHxD):** 483x44x650mm (19" x 1.7" x 25.6")
- **Cuft:** 2.9
- **GW:** 12.8kgs / 28.2lbs
- **Carton Size(cm):** 59.4 x 18.2 x 81.8 (23.4" x 7.2" x 32.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-188ATX

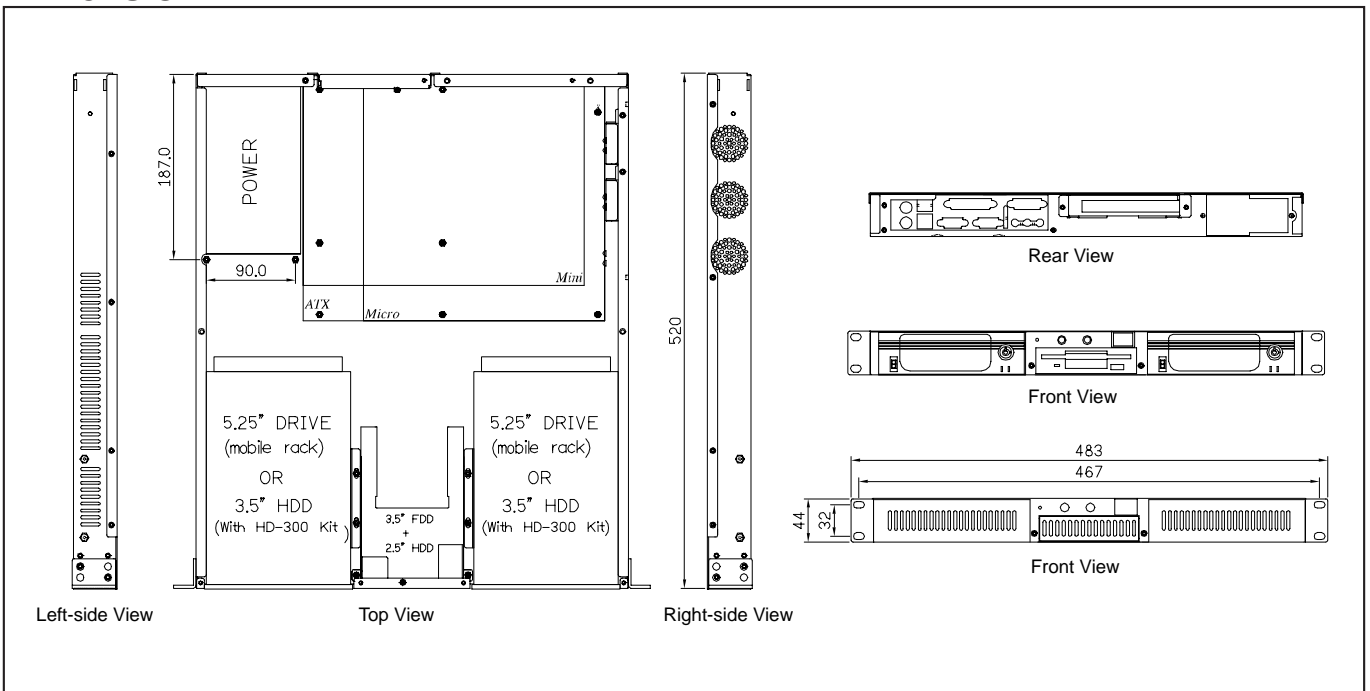
1U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** 2x 5.25" & 1x 3.5" & 1x 2.5" HDD
- **Power Supply(Optional):** 1U Single up to 300W ATX P/S (Rear Installation) Max. Depth 205mm
- **Cooling:** 2x (40 x 20mm = 7CFM ea.) Fans, 1x (40 x 20mm = 7CFM ea.) Fans (Optional)
- **Riser Card:** GHP-141 (32bit) or GHP-R0103 (64bit) (Optional)
- **Expansion Slots:** 1x Horizontal PCI Slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset
- **Dimensions (WxHxD):** 483x44x520mm(19" x 1.7" x 20.5")
- **Cuft:** 2.5
- **GW:** 8.0kgs / 17.6lbs
- **Carton Size(cm):** 57.5 x 18.5 x 66.7(22.6" x 7.3" x 26.3")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-189

1U Rackmount Chassis

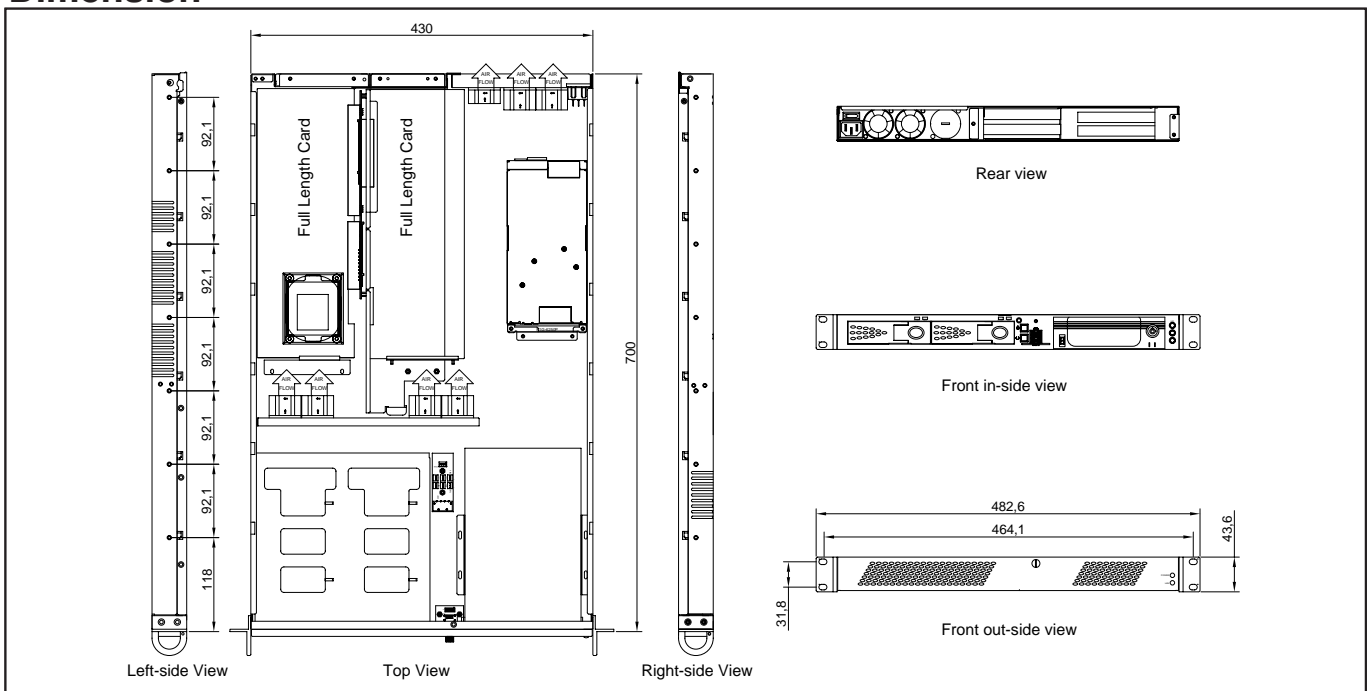


19" Rackmount

Specifications

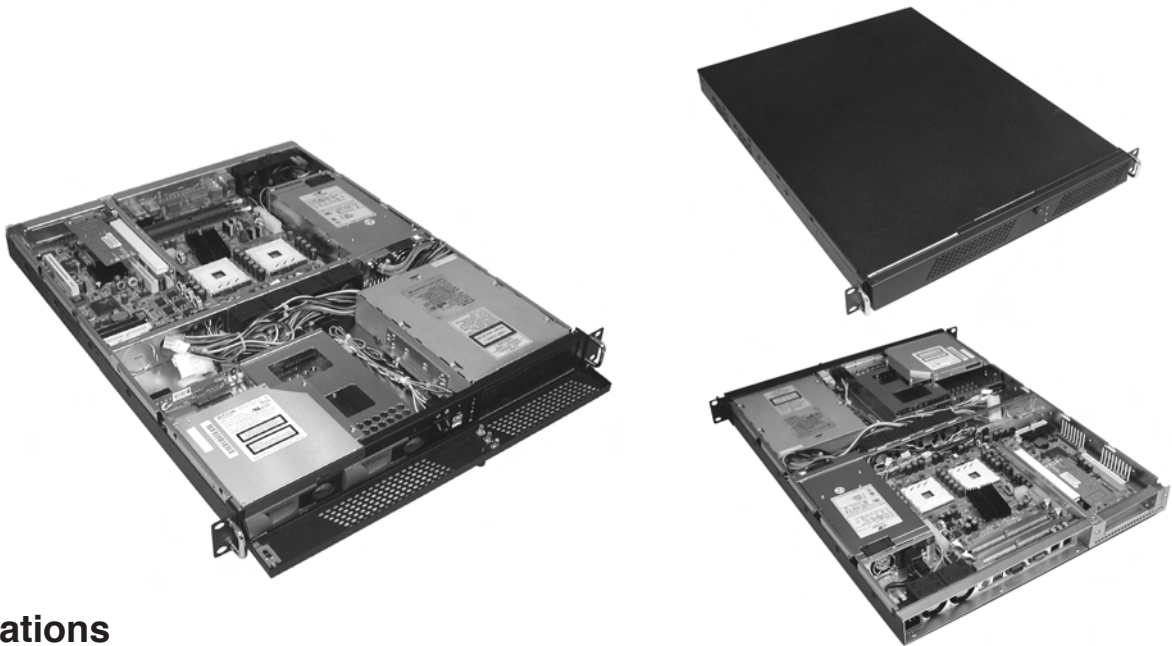
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Supports 4 Slot Passive Backplane**
- **Drive Capacity:** 1x 5.25" & 2x Hot Swap Drive Trays
- **Drive Interface:** PATA, SATA, SCSI320 or SAS
- **Power Supply (Optional):** 1U Single up to 500W ATX P/S (Mid Installation) Max. Depth 225mm
- **Cooling:** 6x (40x28mm = 15CFM ea.) Fans & 1x (40x20mm = 7CFM ea.) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Front Door:** Single Door with 1 Thumbscrew
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, LAN
- **Switch:** Power ON/OFF Momentary (Square Pushbutton), System Reset
- **Dimensions (WxHxD):** 483x44x650mm(19" x 1.75" x 25.6")
- **Cuft:** 3.1
- **GW:** 14kgs / 30.8 lbs
- **Carton Size (cm):** 59.4 x 18.2 x 81.8 (23.4" x 7.2" x 32.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-192

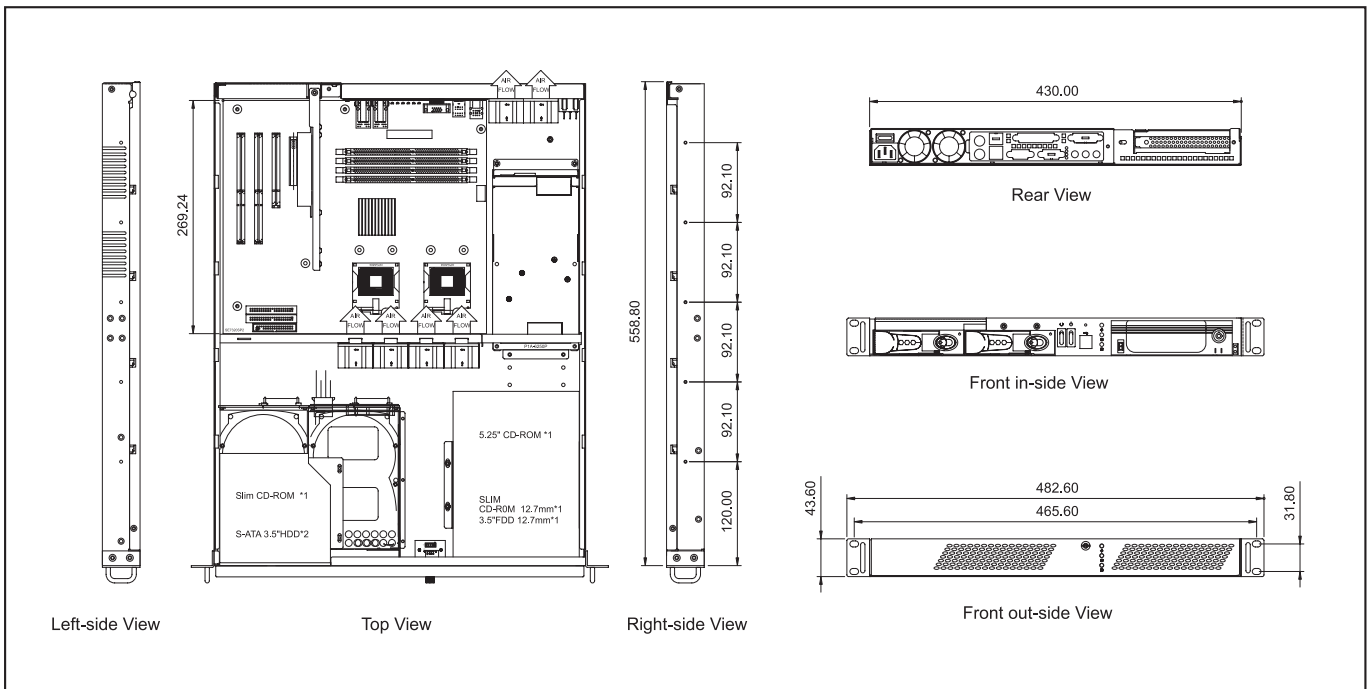
1U Rackmount Chassis



Specifications

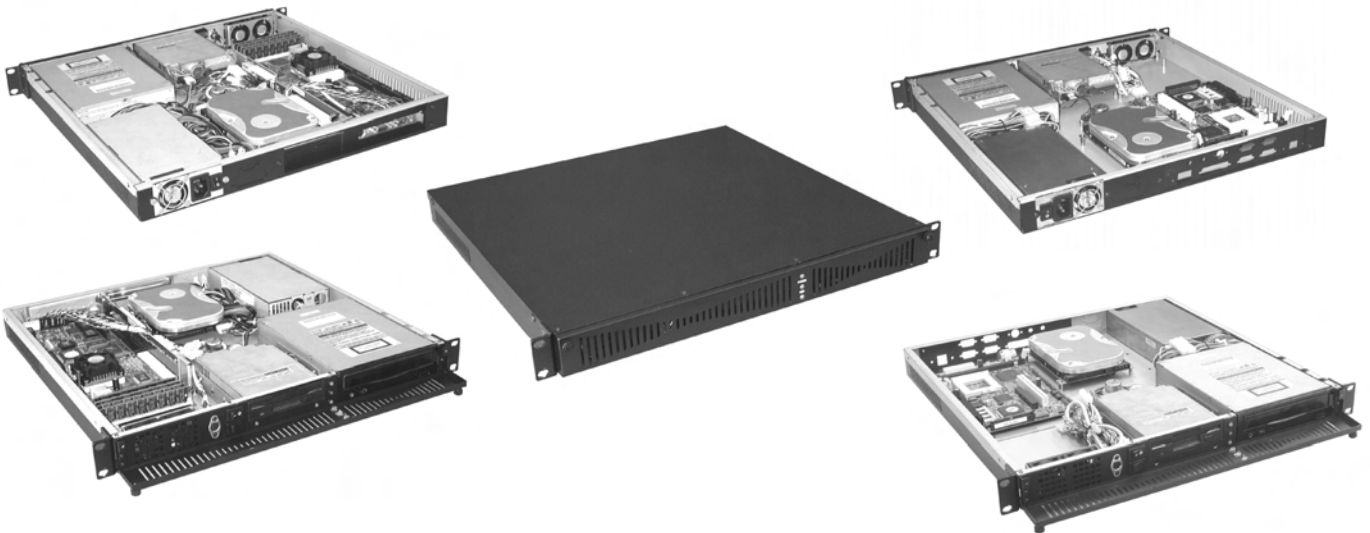
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Dual Operton, Pentium 4, Dual Pentium III
- **Support ATX M/B (Max. to 12" x 10.5") SSI EEB 3.0**
- **Drive Capacity:** 1x 5.25" Slim CD-ROM & 2x 3.5" Swapple Tray & 1x 5.25" CD-ROM or GHA-FM05 (Optional)
- **Drive Interface:** PATA, SATA, SCSI320 or SAS
- **Power Supply(Optional):** 1U Single up to 500W ATX P/S(Mid Installation) Max. Depth 225mm
- **Cooling:** 6x (40 x 20mm = 7CFM ea.) Fans
- **Connector Port(Front):** 2x USB Ports
- **Front Door:** Single Door With 1 Thumbscrew
- **Riser Card:** GHP-141 (32bit) or GHP-R0103 (64bit) (Optional)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 483 x 44 x 560mm (19.0" x 1.7" x 22.1")
- **Cuft:** 2.1
- **GW:** 10.8kgs / 23.8lbs
- **Carton Size(cm):** 56.0 x 15.3 x 69.0 (22.1" x 6.0" x 27.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-198B/198L

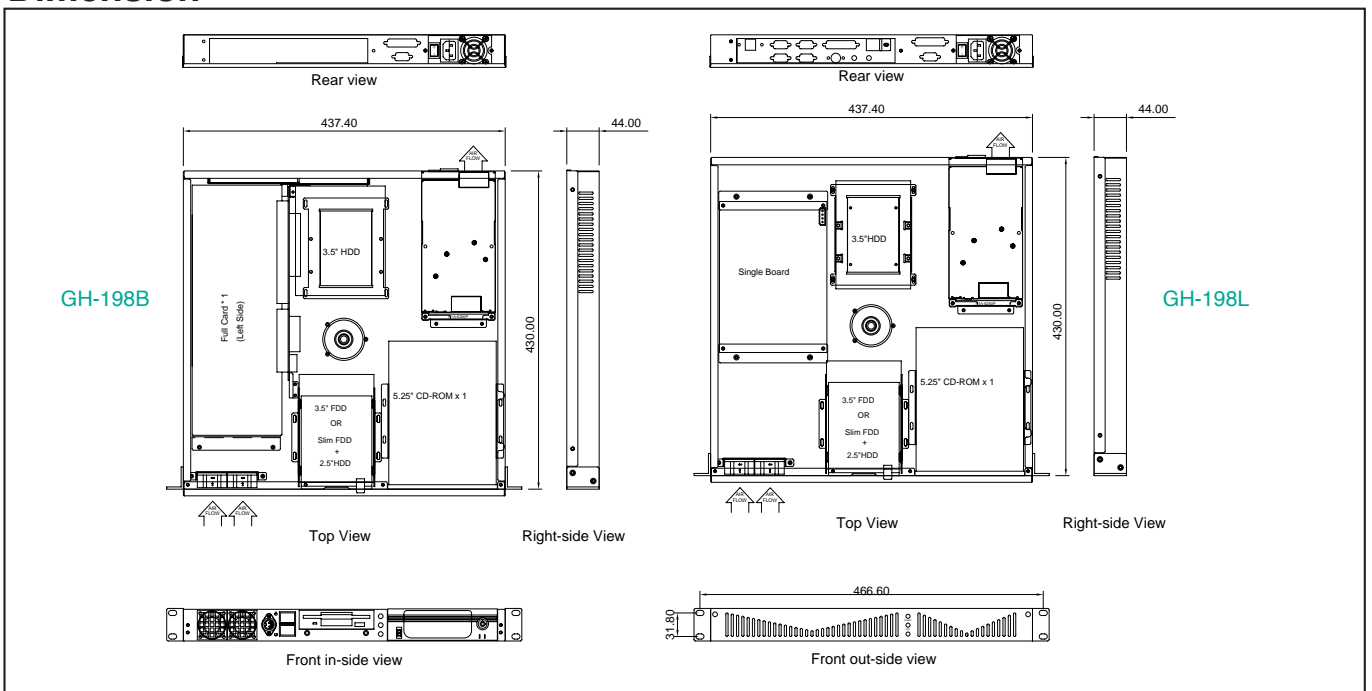
1U Rackmount Chassis



Specifications

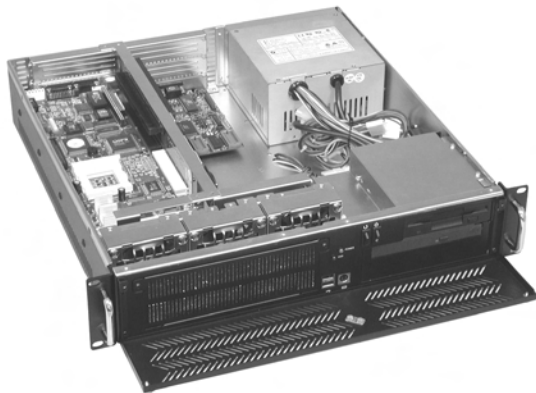
- EIA RS-310C 19" Rackmount Standard
- Construction: Heavy Duty Cold Rolled Electroplated Steel
- Color: Black (Standard), Beige or Custom
- Support 2-Slot Passive Backplane (GH-198B)
- Support Little Board (GH-198L)
- Drive Capacity: 1x 5.25" & 1x 3.5"FDD (or 1x Slim FDD, 1x 2.5" HDD) & 1x3.5"HDD
- Power Supply (Optional): 1U Single up to 300W ATX P/S(Rear Installation) Max. Depth 200mm
- Cooling: 2x (40 x 20mm = 7CFM ea.) Fans
- Connector Port (Front): 1xPS/2 Port
- Front Door: Single Door with 2 Thumbscrews
- Indicators: LEDs for Power ON/OFF, HDD Activity
- Switch: Power ON/OFF Momentary (Square), System Reset
- Dimensions (WxHxD): 483x44x431mm (19" x 1.7" x 17.0")
- Cuf: 2.5
- GW: 8.0kgs / 17.6lbs
- Carton Size(cm): 62.7 x 18.1 x 61.3 (24.7" x 7.1" x 24.1")
- Humidity: 5% - 95% Non-condensing

Dimension



GHI-200

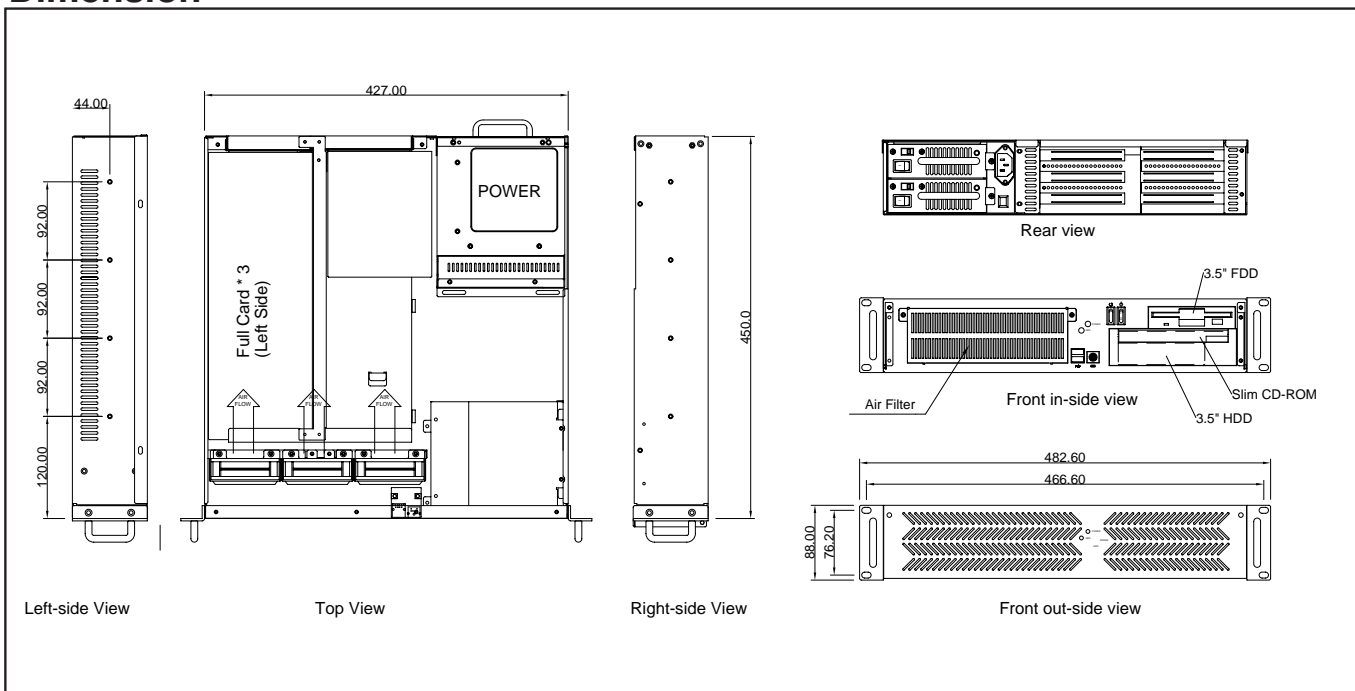
2U Rackmount Chassis



Specifications

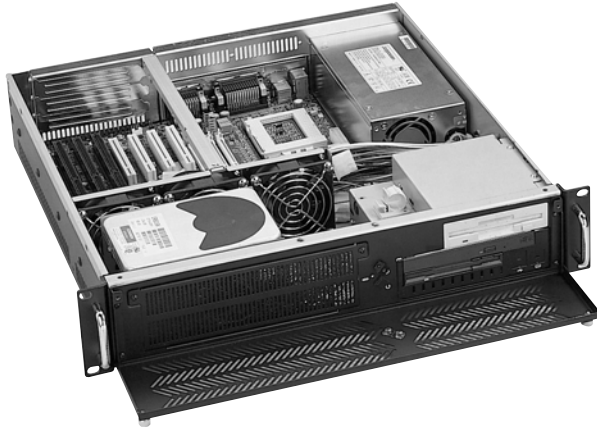
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support 6-slot Passive Backplane**
- **Drive Capacity:** 1x 5.25" (or 1x Slim CD-ROM & 1x 3.5" HDD) & 1x 3.5" FDD
- **Power Supply(Optional):** PS/2 size single up to 400W or Mini Redundant up to 400W ATX P/S (Rear Installation)
- **Cooling:** 3x (80 x 25mm = 42.5CFM ea.) Fans
- **Front Door:** Single Door with 2 Thumbscrews
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port (Front):** 2x USB & 1x PS/2 Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary(Rocker), System Reset
- **Dimensions (WxHxD):** 483x88x450mm(19"x3.5"x17.7")
- **Cuft:** 3.2
- **GW:** 13.0kgs / 28.7lbs
- **Carton Size(cm):** 63.0 x 24.8 x 57.4 (24.8" x 9.8" x 22.6")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-210

2U Rackmount Chassis

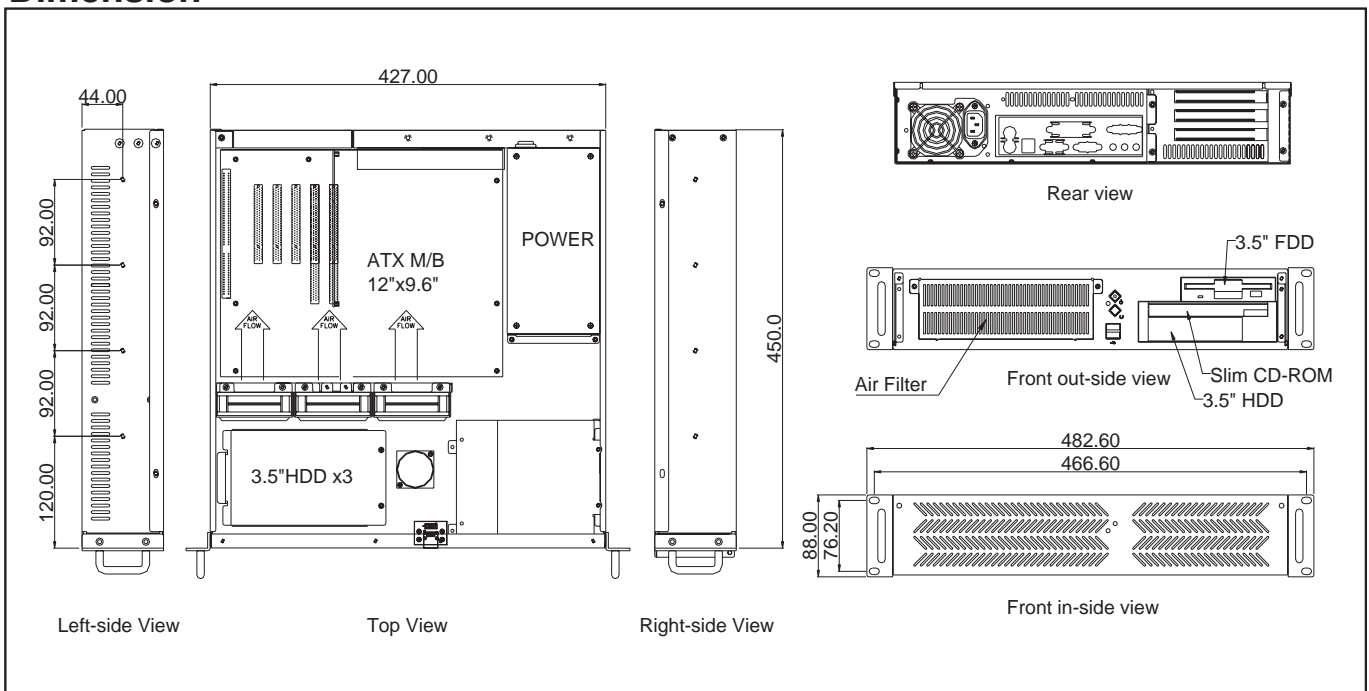


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, Dual Pentium III
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** 1x 5.25"(or 1x Slim CD-ROM & 1x 3.5" HDD) & 1x 3.5" & 3x 3.5" HDD
- **Power Supply (Optional):** 2U Single up to 400W or Redundant up to 350W ATX P/S (Rear Installation)
- **Cooling:** 3x (80mm = 42.5CFM ea.) Fans
- **Connector Port (Front):** 2x USB Ports
- **Front Door:** Single Door with 2 Thumbscrews
- **Air Filter:** Inside Front Panel (Washable)
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Expansion Slots(Optional):** 2 or 3x Horizontal ISA/PCI/AGP Option Slots
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary (Square), System Reset
- **Dimensions (WxHxD):** 483x88x450mm (19" x 3.5" x 17.7")
- **Cuft:** 3.2
- **GW:** 14.0kgs / 30.9lbs
- **Carton Size(cm):** 63.0 x 24.8 x 57.4(24.8" x 9.8" x 22.6")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-212ATX

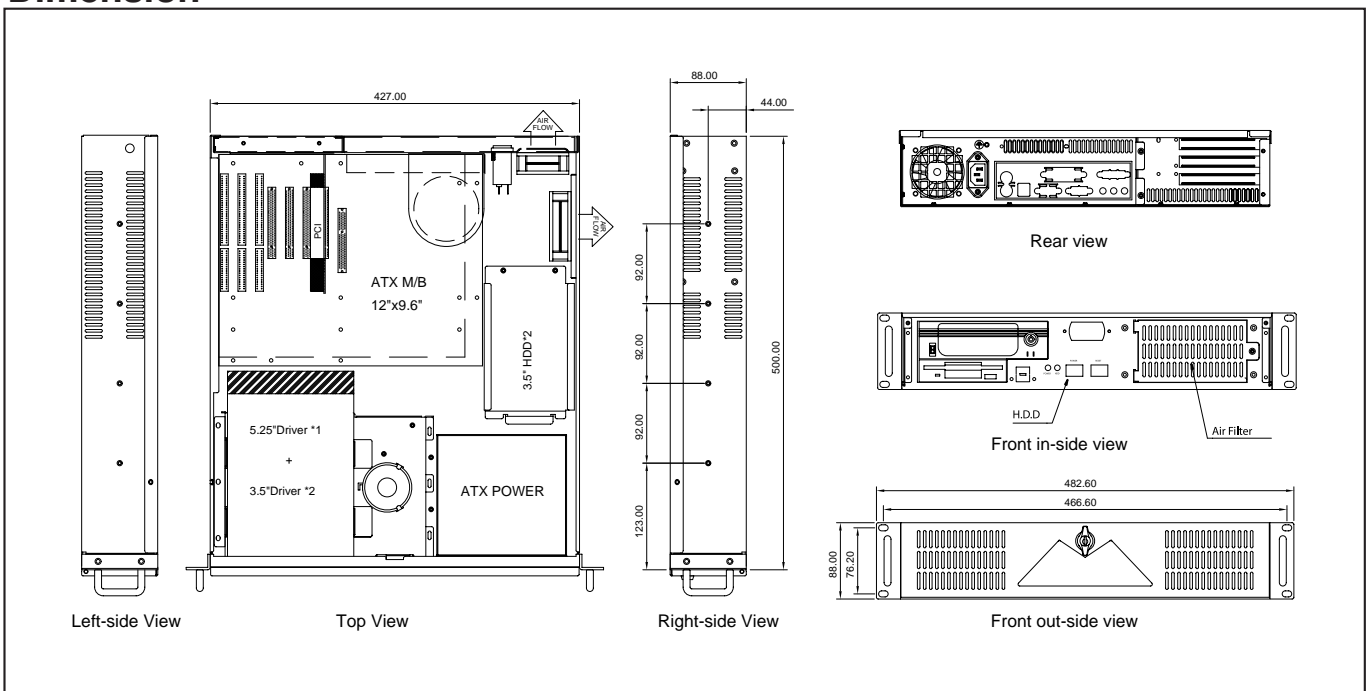
2U Rackmount Chassis



Specifications

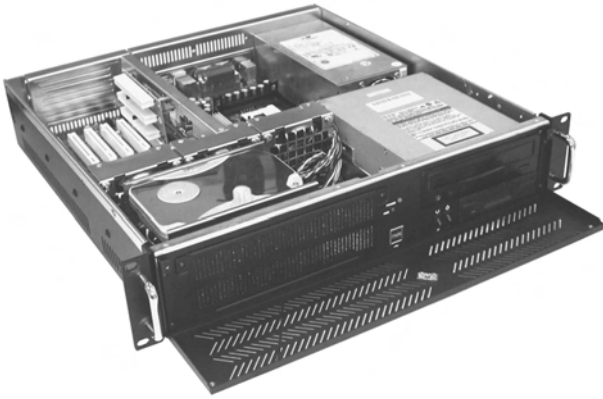
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** 1x 5.25" & 1x 3.5" & 2x 3.5"HDD
- **Power Supply(Optional):** PS/2 Size Single up to 460W ATX P/S (Front/Mid Installation)
- **Cooling:** 1x (60mm = 23.5CFM ea.) & 1x (80mm = 42.5CFM ea.) Fan
- **Front Door:** Single Door with 1 Thumb Twist Keylock
- **Air Filter:** Inside Front Panel (Washable)
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Connector Port (Front):** 2x USB Ports (Optional)
- **Expansion Slots (Optional):** 2 or 3x Horizontal ISA/PCI/AGP Option Slots
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset
- **Dimensions (WxHxD):** 483x88x501mm(19" x 3.5" x 19.7")
- **Cuft:** 3.6
- **GW:** 12.0kgs / 26.5lbs
- **Carton Size(cm):** 58.8 x 25.5 x 68.5 (23.1" x 10.0" x 27.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-213

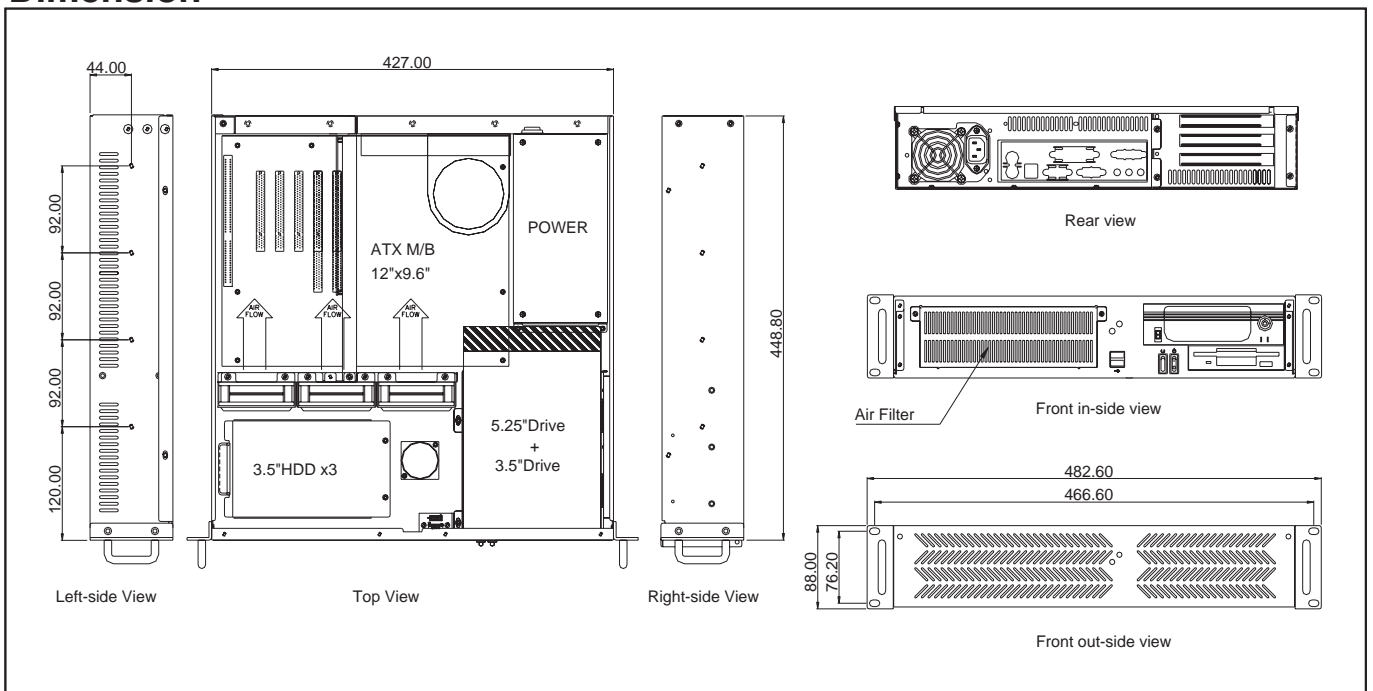
2U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Athlon 64
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** 1x 5.25" & 1x 3.5" & 3x 3.5"HDD
- **Power Supply (Optional):** 2U Single up to 400W or Redundant up to 350W ATX P/S (Rear Installation) Max. Depth 215mm
- **Cooling:** 3x (80 mm = 42.5CFM ea.) Fans
- **Front Door:** Single Door with 2 Thumbscrews
- **Air Filter:** Inside Front Panel (Washable)
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots(Optional):** 2 or 3x Horizontal ISA/PCI/AGP Option Slots
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (WxHxD):** 483x88x450mm (19" x 3.5" x 17.7")
- **Cuft:** 3.2
- **GW:** 14.0kgs / 30.9lbs
- **Carton Size(cm):** 63.0 x 24.8 x 57.4 (24.8" x 9.8" x 22.6")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-214

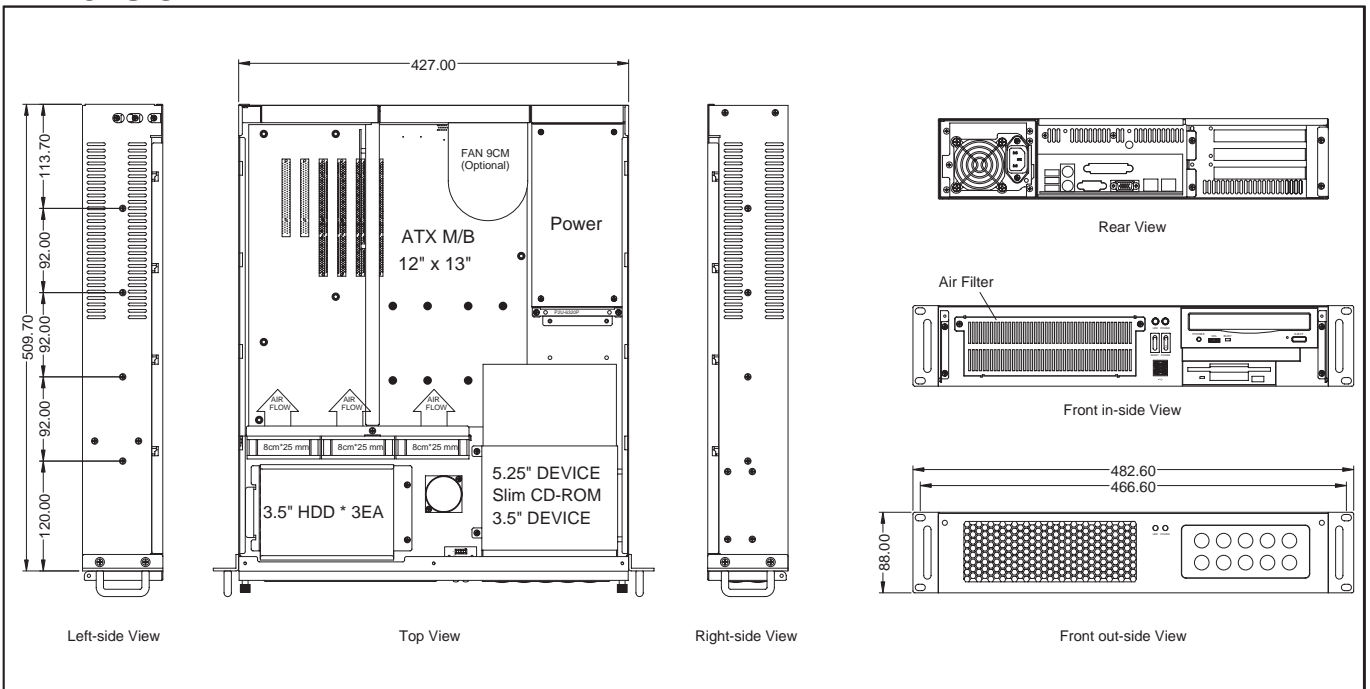
2U Rackmount Chassis



Specifications

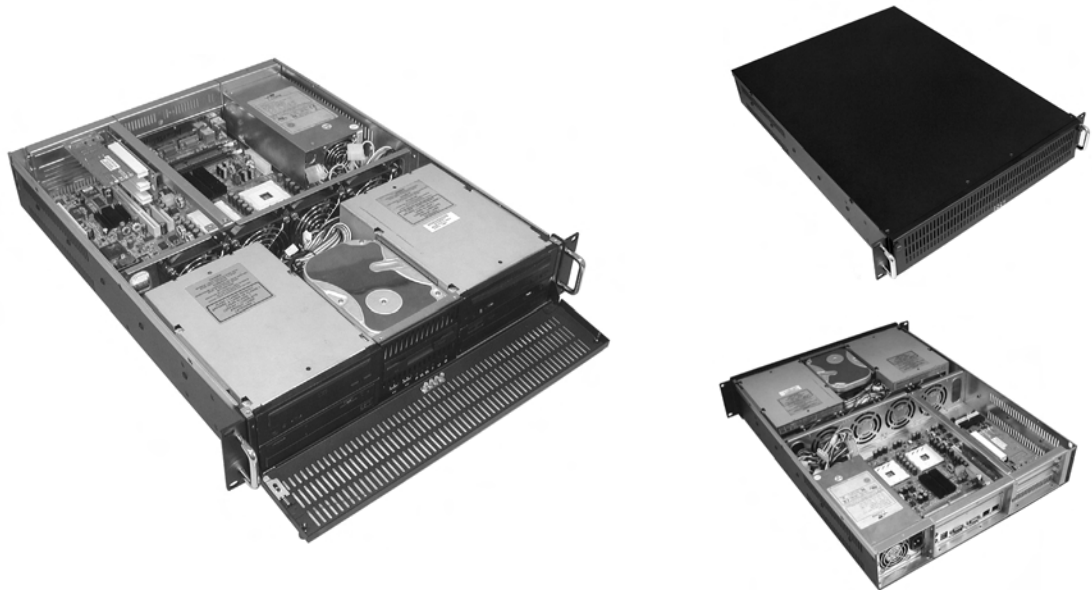
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Athlon 64, Dual Xeon, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13")**
- **Drive Capacity:** 1x 5.25" & 1x 3.5" & 5.25" Slim CD-ROM & 3x 3.5"HDD
- **Power Supply (Optional):** 2U Single up to 510W or Redundant up to 400W ATX PSU (Rear Installation) Max. Depth 300mm
- **Cooling:** 3 x (80mm=42.5CFM ea.) Fans
- **Connector Port (Front):** 2x USB Ports
- **Front Door:** Single Door With 2 Thumbscrews
- **Air Filter:** Inside Front Panel (Washable)
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Expansion Slots(Optional):** 2 or 3x Horizontal ISA/PCI/AGP Option Slots
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 483 x 88 x 510mm (19" x 3.5" x 20.1")
- **Cuft:** 3.5
- **GW:** 10.3 kgs / 22.7 lbs
- **Carton Size(cm):** 59.0 x 24.5 x 69.3 (23.2" x 9.7" x 27.3")
- **Humidity:** 5% - 95% Nnon-condensing

Dimension



GHI-220

2U Rackmount Chassis

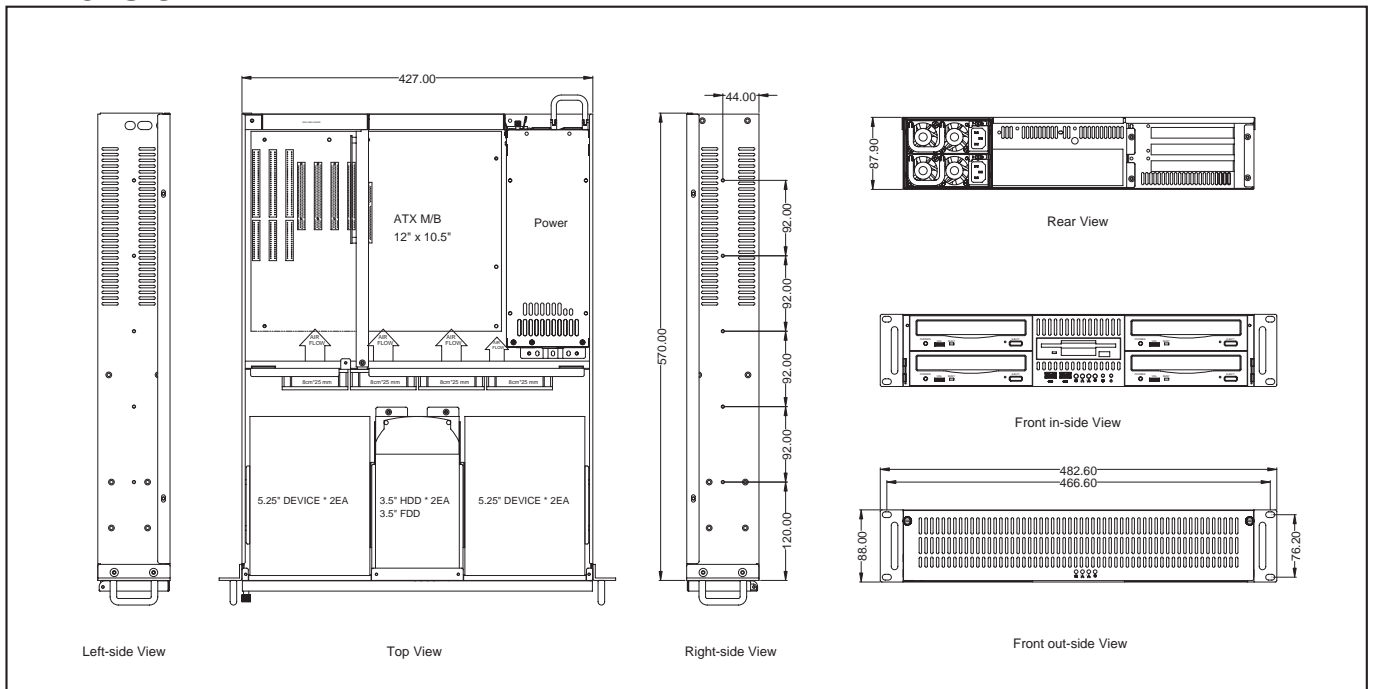


19" Rackmount

Specifications

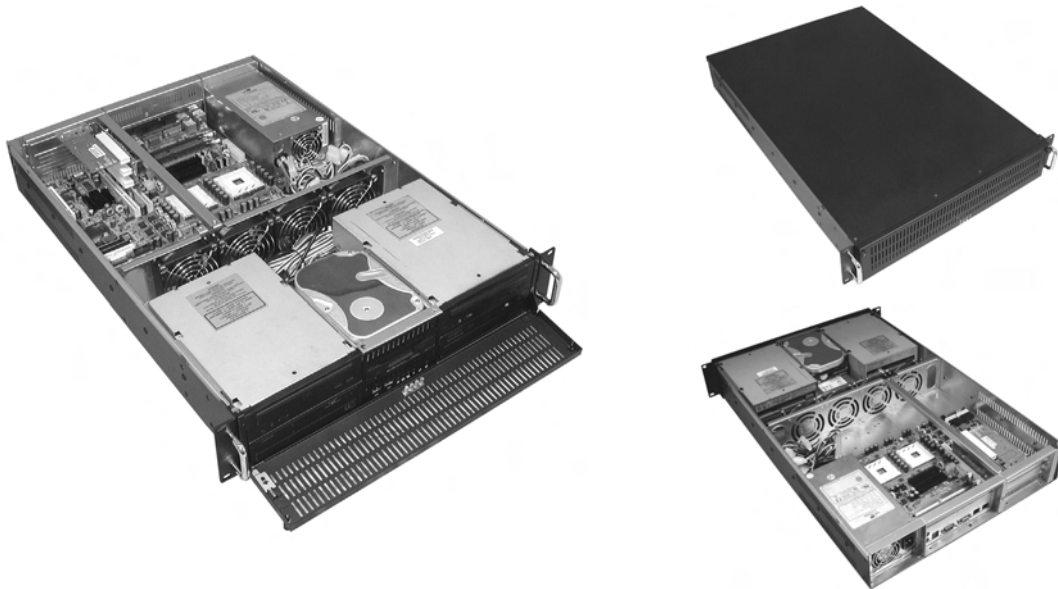
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support ATX M/B (Max. to 12" x 10.5")**
- **Drive Capacity:** 4x 5.25" & 2x 3.5"HDD & 1x 3.5"FDD or 6 Storage Module & 2x 3.5"HDD & 1x 3.5"FDD
- **Power Supply (Optional):** 2U Single up to 510W or Redundant up to 400W ATX P/S (Rear Installation) Max. Depth 265mm
- **Cooling:** 4x (80mm = 42.5CFM ea.)
- **Front Door:** Single Door With 2 Thumbscrew and Removeable Door
- **Connector Port (Front):** 2 x USB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity , 2x LAN
- **Switch:** Power ON/OFF Momentary (Dimple), System Reset
- **Dimensions (W x H x D):** 483 x 88 x 570mm (19" x 3.5" x 22.4")
- **Cuft:** 2.9
- **GW:** 12.7kgs / 28lbs
- **Carton Size(cm):** 56.2 x 20.3 x 71.3 (22.1" x 8.0" x 28.1")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-221

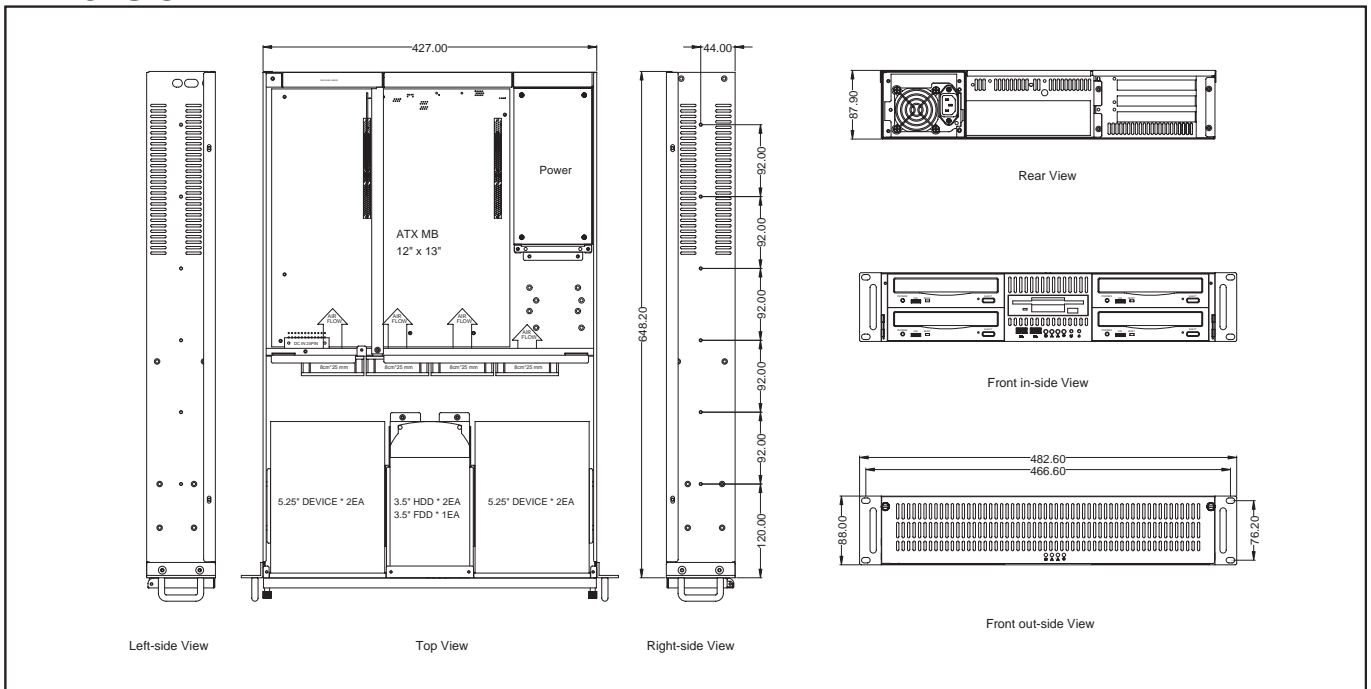
2U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB3.0**
- **Drive Capacity:** 4x 5.25" & 2x 3.5"HDD & 1x 3.5"FDD or 6 Storage Module & 2x 3.5"HDD & 1x 3.5"FDD
- **Power Supply (Optional):** 2U Single up to 510W or Redundant up to 400W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (80mm = 42.5CFM ea.)
- **Front Door:** Single Door With 2 Thumbscrew and Removeable Door
- **Connector Port (Front):** 2 x USB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity , 2x LAN
- **Switch:** Power ON/OFF Momentary (Dimple), System Reset
- **Dimensions (W x H x D):** 483 x 88 x 650mm (19" x 3.5" x 25.6")
- **Cuft:** 4.4
- **GW:** 13.8kgs /30.4lbs
- **Carton Size(cm):** 58.8 x 25.5 x 82.5 (23.2" x 10" x 32.5")
- **Humidity:** 5% - 95% Non-condensing

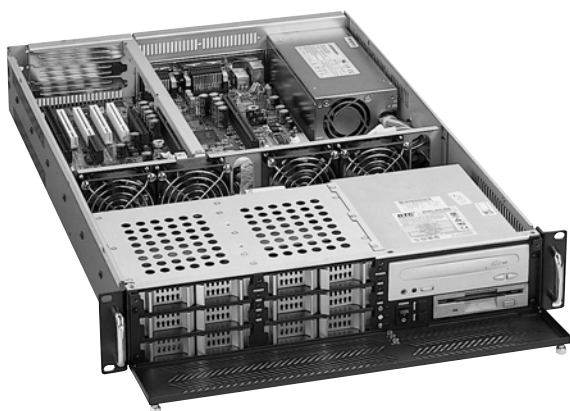
Dimension



GHI-230

2U Rackmount Chassis

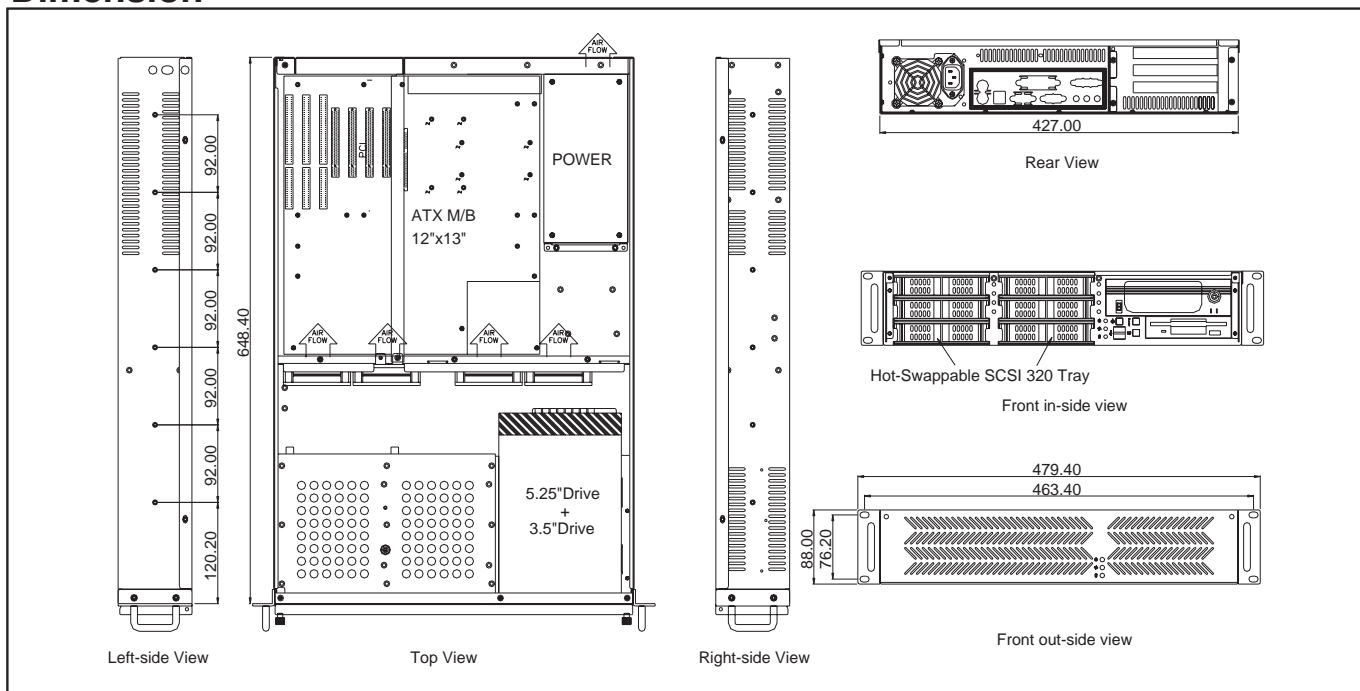
19" Rackmount



Specifications

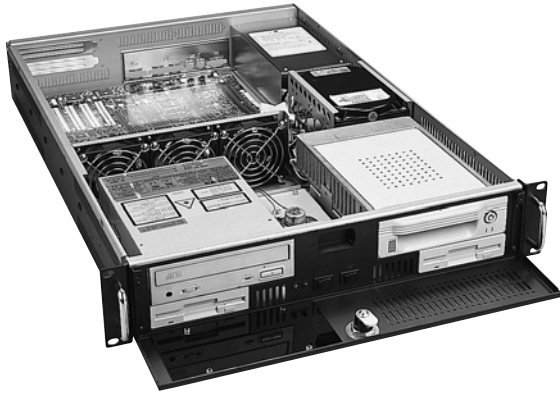
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13")**
- **Drive Capacity:** 1x 5.25" & 1x 3.5" & 6x 3.5" Hot Swappable SCSI 320 Trays
- **Drive Interface:** SCSI320
- **Power Supply (Optional):** 2U Single up to 400W or Redundant up to 350W ATX P/S(Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (80mm = 42.5CFM ea.) Fans
- **Front Door:** Single Door with 2 Thumbscrews
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots(Optional):** 2 or 3x Horizontal ISA/PCI/AGP Option Slots
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset
- **Dimensions (WxHxD):** 480x88x650mm (18.9" x 3.5" x 25.6")
- **Cuft:** 4.4
- **GW:** 18.0kgs / 39.7lbs
- **Carton Size(cm):** 58.8 x 25.5 x 82.5 (23.1" x 10.0" x 32.5")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-231ATX

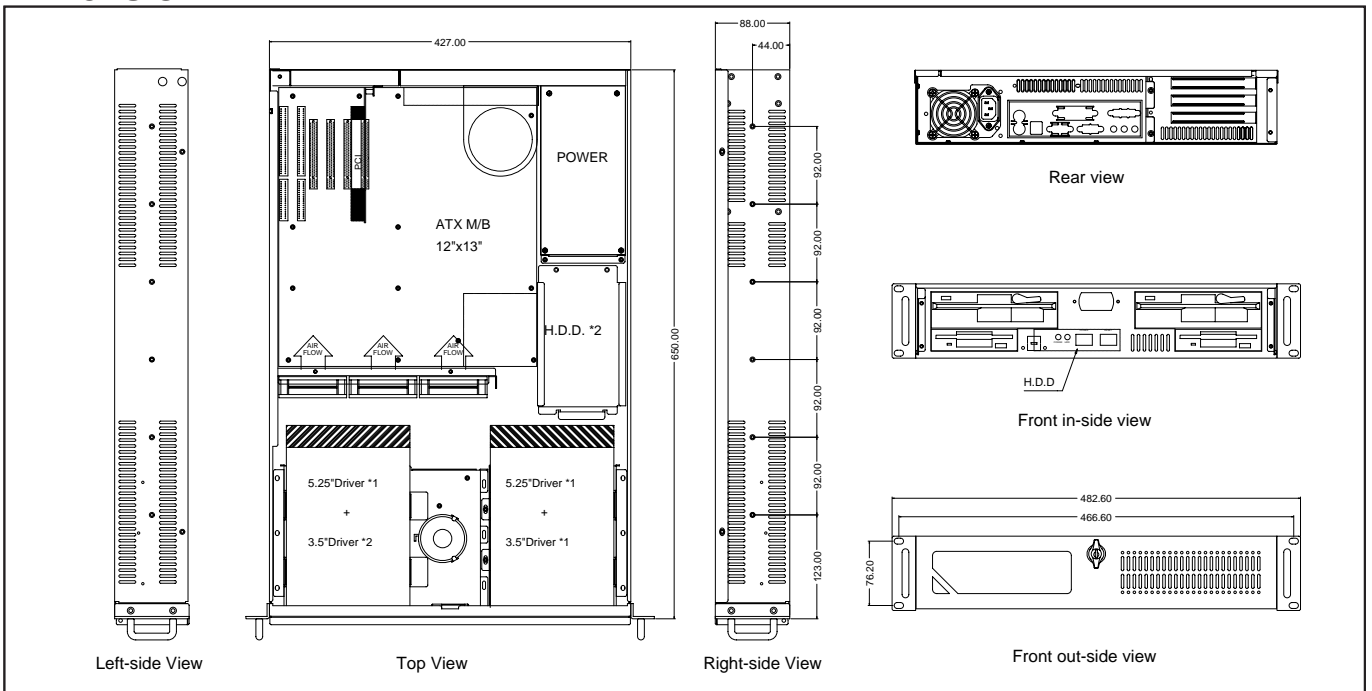
2U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Athlon 64, Opteron
- **Support EATX M/B (Max. to 12" x 13")**
- **Drive Capacity:** 2x 5.25" & 2x 3.5" & 3x 3.5" HDD
- **Power Supply (Optional):** 2U Single up to 400W or Redundant up to 350W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 3x (80mm = 42.5CFM ea.) Fans
- **Front Door:** Single Door with 1 Thumb Twist Keylock
- **Connector Port (Front):** 2 x USB Ports (Optional)
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Expansion Slots(Optional):** 2 or 3x Horizontal ISA/PCI/AGP Option Slots or 7 Low Profile PCI Slots
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset
- **Dimensions (WxHxD):** 483x88x650mm (19" x 3.5" x 25.6")
- **Cuft:** 4.4
- **GW:** 15kgs / 33.1lbs
- **Carton Size(cm):** 58.8 x 25.5 x 82.5(23.1" x 10.0" x 32.5")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-232ATX

2U Rackmount Chassis

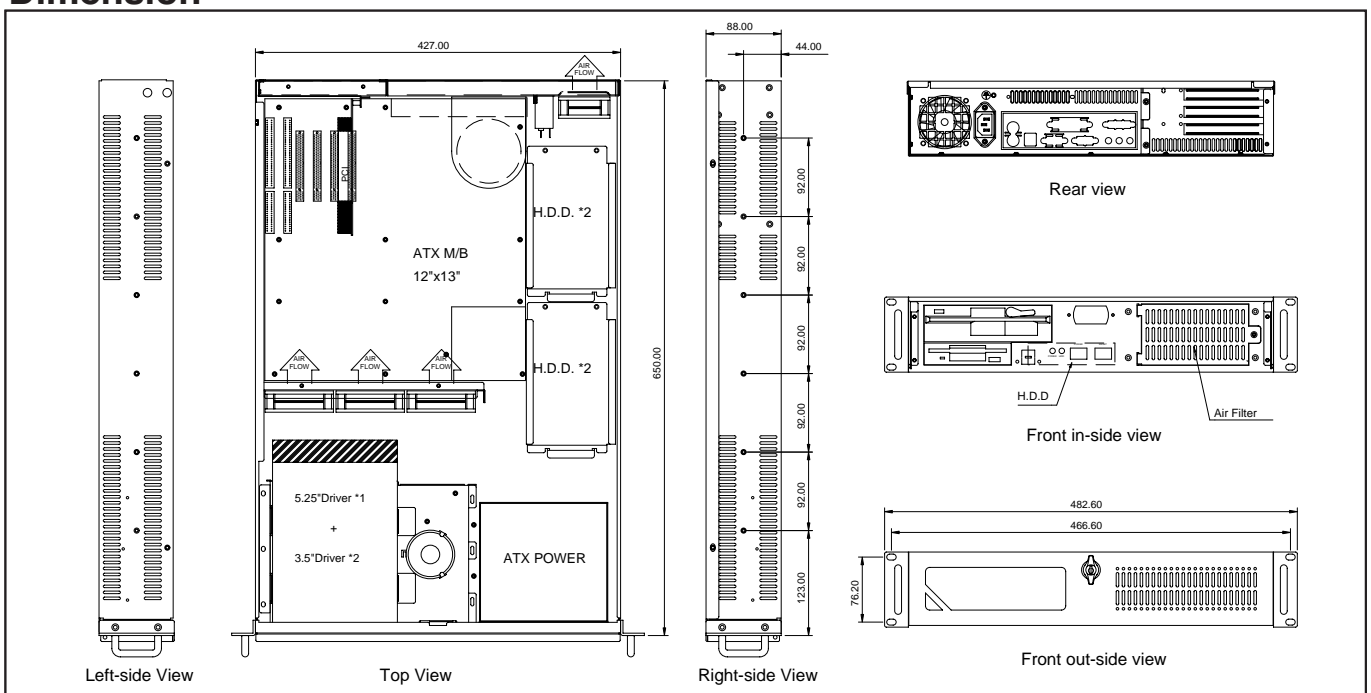


19" Rackmount

Specifications

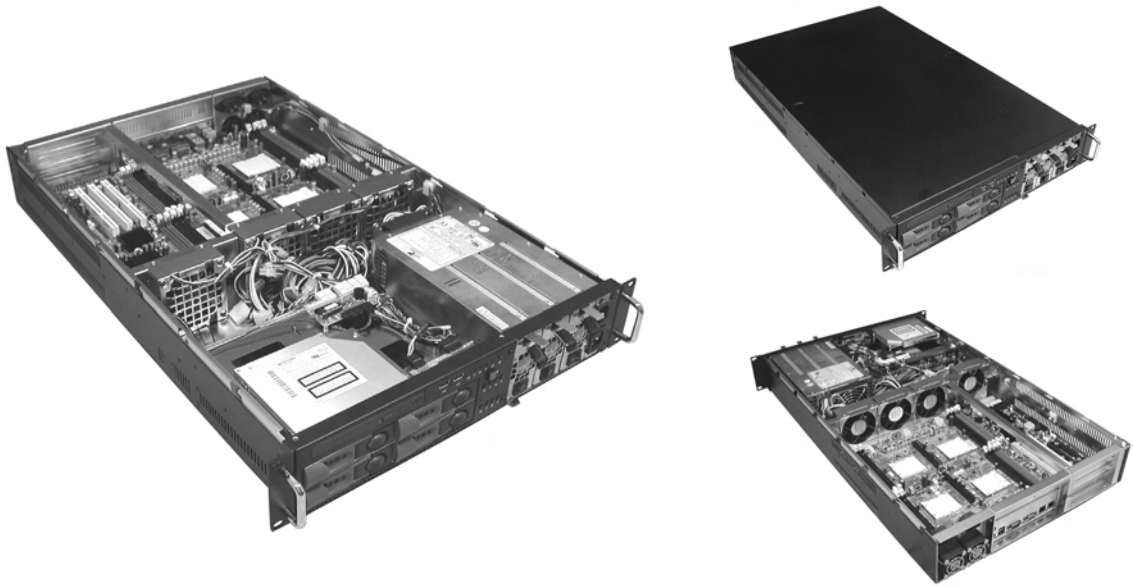
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13")**
- **Drive Capacity:** 1x 5.25" & 1x 3.5" & 5x 3.5" HDD
- **Power Supply (Optional):** PS/2 Size Single up to 460W ATX P/S (Front/Mid Installation) Max. Depth 300mm
- **Cooling:** 1x (60mm = 23.5CFM ea.) & 3x (80mm = 42.5CFM ea.) Fans
- **Air Filter:** Inside Front Panel (Washable)
- **Front Door:** Single Door with 1 Thumb Twist Keylock
- **Connector Port (Front):** 2 x USB Ports (Optional)
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Expansion Slots(Optional):** 2 or 3x Horizontal ISA/PCI/AGP Option Slots or 7x Low Profile PCI Slots
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary(Rocker), System Reset
- **Dimensions (WxHxD):** 483x88x650mm (19" x 3.5" x 25.6")
- **Cuft:** 4.4
- **GW:** 15kgs / 33.1lbs
- **Carton Size(cm):** 58.8 x 25.5 x 82.5 (23.1" x 10" x 32.5")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-240

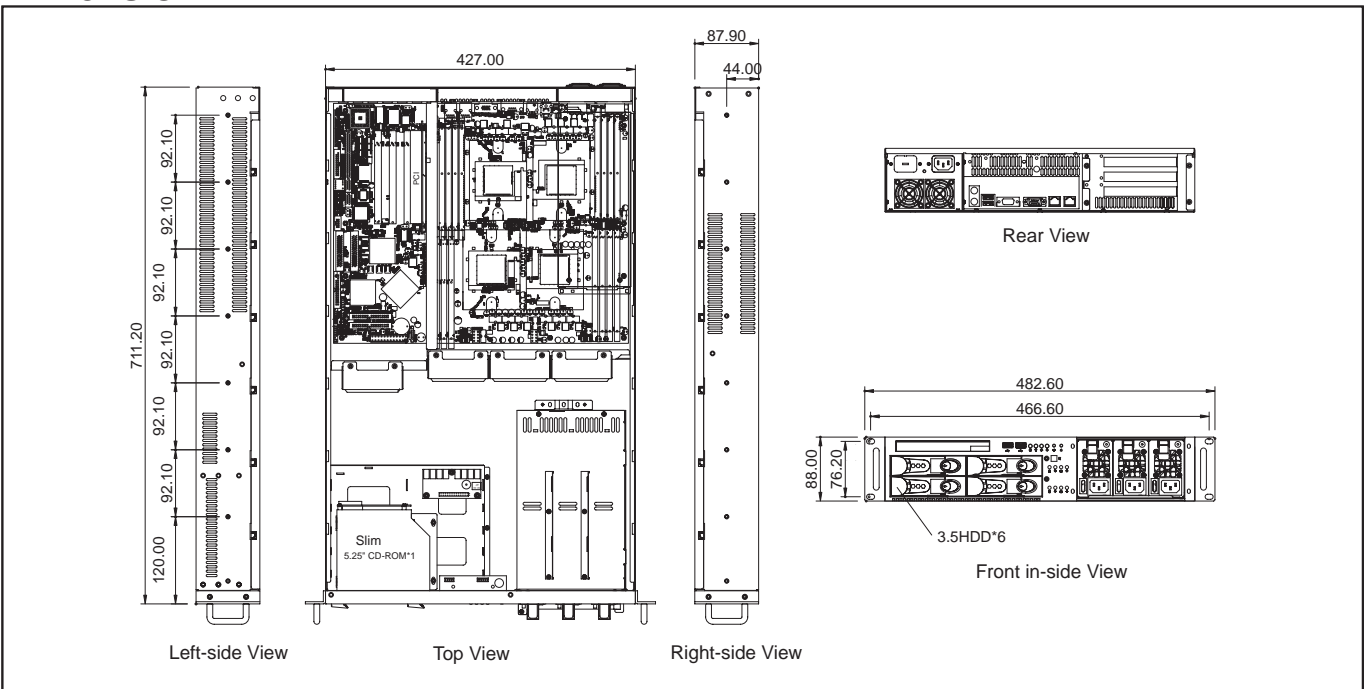
2U Rackmount Chassis



Specifications

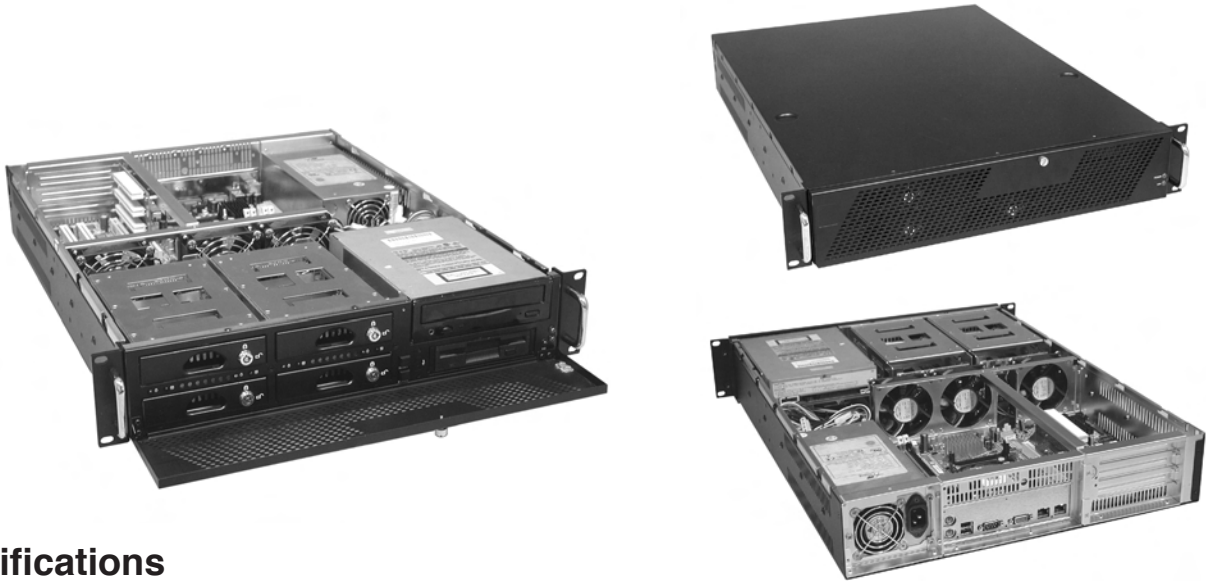
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 16" x 13") SSI EEB 3.0**
- **Drive Capacity:** 1x Slim CD-ROM & 4x 3.5" Swappable Tray
- **Drive Interface:** PATA, SATA, SCSI320 or SAS
- **Power Supply (Optional):** 2U Redundant up to 750W (Front Installation)
- **Cooling:** 4x (80mm = 42.5CFM ea.) & 2x (40x28mm = 15.3CFM ea.) Fans
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (W x H x D):** 483 x 88 x 710mm (19" x 3.5" x 28.0")
- **Cuft:** 4.4
- **GW:** 16.3 kgs / 36.0 lbs
- **Carton Size(cm):** 57.0 x 24.0 x 90.5 (22.4" x 9.5" x 35.6")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-243

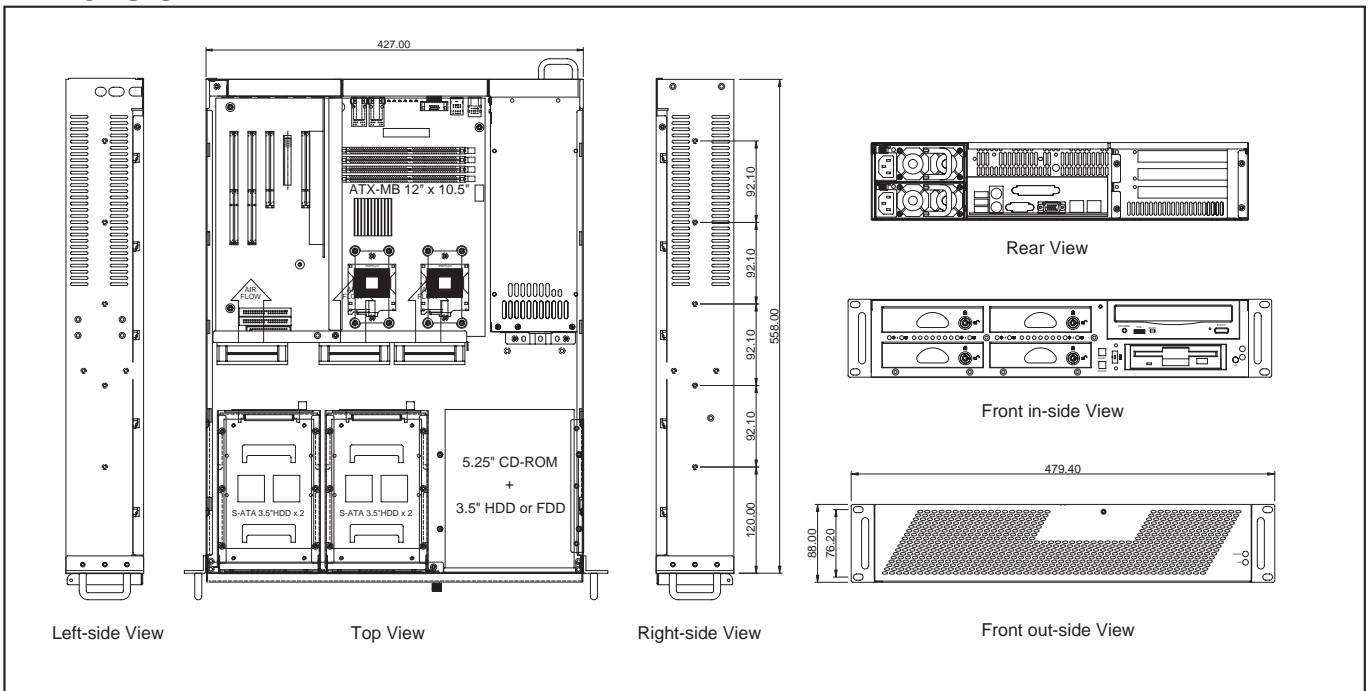
2U Rackmount Chassis



Specifications

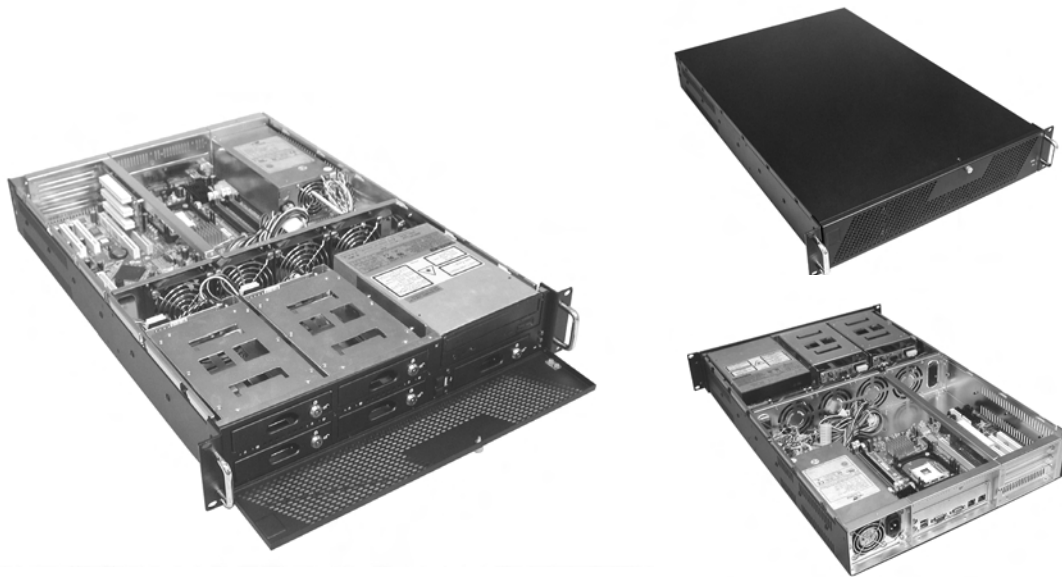
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, Dual Pentium III
- **Support ATX M/B(Max. to 12"x10.5")**
- **Drive Capacity:** 1x5.25" CD-ROM & 1x3.5" FDD/HDD & 4x3.5" Swappable Drive Trays With Keylock
- **Drive Interface:** P-ATA ,SCSI , S-ATA or SAS
- **Power Supply(Optional):** 2U Single up to 600W or Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 3x(80mm=42.5CFM ea.)
- **Front Door:** Single Door With One Thumbscrew (Removable)
- **Connector Port (Front):** 1x USB Port (Optional)
- **Expansion Slots(Optional):** 2 or 3xHorizontal Slots (ISA, PCI, AGP Option) or 7x Low Profile PCI Slots
- **Indicators:** LEDs for Power ON/OFF, HDD Power/Access, LAN
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 480 x 88 x 558mm (18.9"x3.5"x22.0")
- **Cuft:** 3.3
- **GW:** 14.3 kgs / 31.5 lbs
- **Carton Size(cm):** 57.0 x 22.0 x 73.5 (22.4" x 8.7" x 28.9")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-246

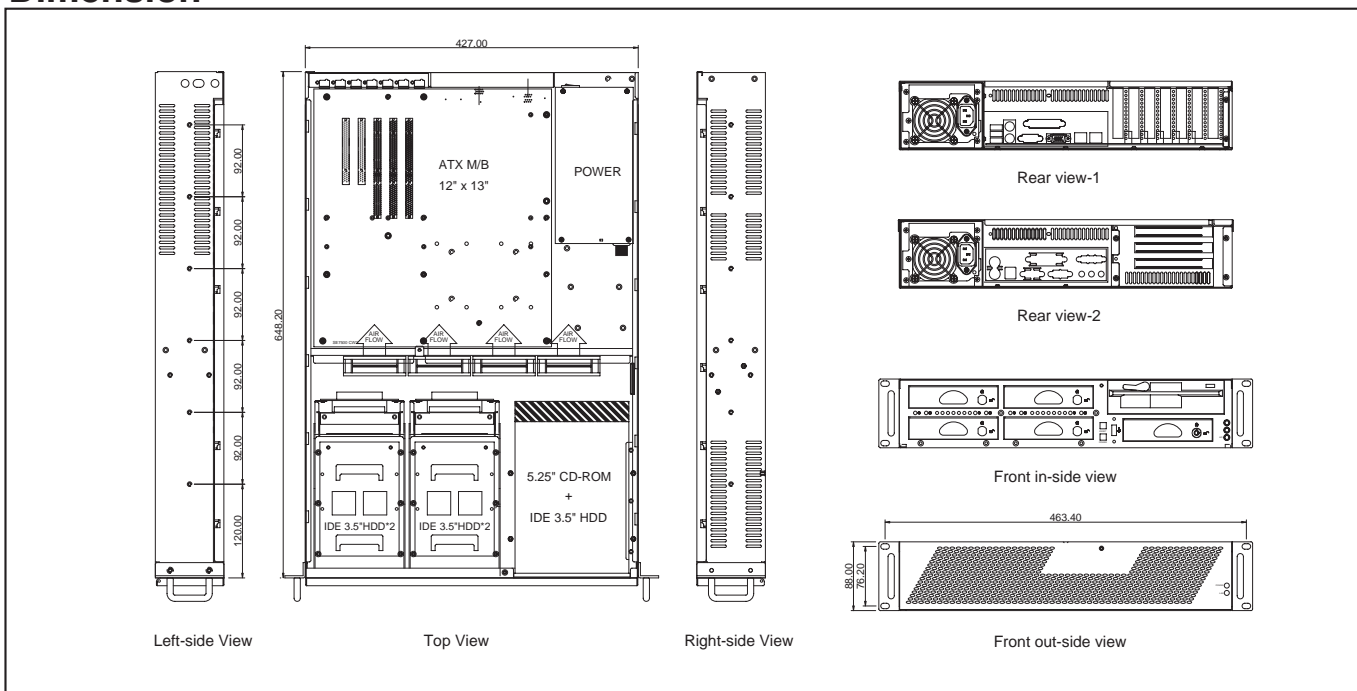
2U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, Dual Pentium III
- **Support EATX M/B(Max. to 12"x13")**
- **Drive Capacity:** 1x5.25" CD-ROM & 4x3.5" Swappable Drive Trays & 1x 3.5" Swappable Drive Trays (Optional)
- **Drive Interface:** P-ATA ,SCSI , S-ATA or SAS
- **Power Supply(Optional):** 2U Single up to 600W or 2U Redundant up to 500W ATX P/S (Rear Installation)
- **Max. Depth** 300mm
- **Cooling:** 4x(8cm) Fans(42.5CFM ea.)
- **Front Door:** Single Door With One Thumbscrew (Removable)
- **Connector Port (Front):** 1x USB Port
- **Expansion Slots(Optional):** 2 or 3xHorizontal Slots(ISA, PCI, AGP Option) or 7x Low Profile PCI Slots
- **Indicators:** LEDs for Power ON/OFF, HDD Power/Access, LAN
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 483 x 88 x 650mm (19"x3.5"x25.6")
- **Cuft:** 4.4
- **GW:** 15.5 kgs / 34.2 lbs
- **Carton Size(cm):** 58.8 x 25.5 x 82.5(23.1" x 10.0" x 32.5")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-250

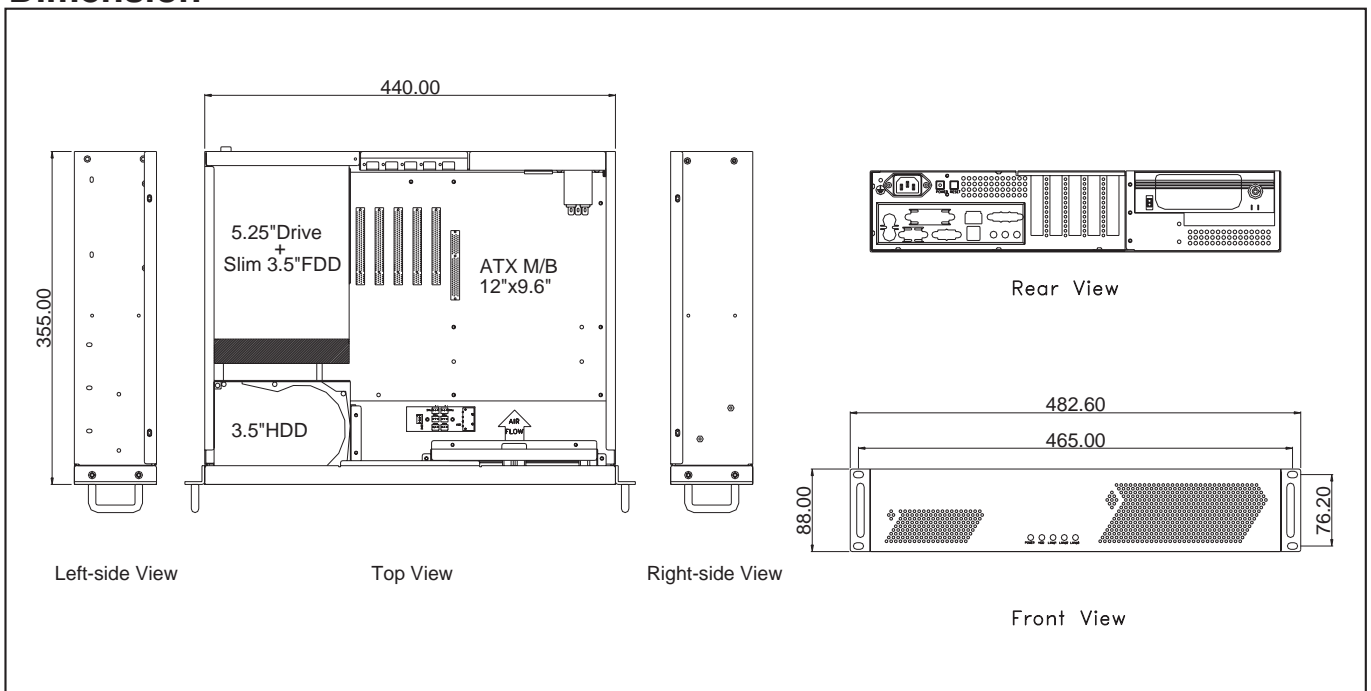
2U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Athlon 64
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** 1x 5.25" & 1x Slim 3.5" FDD (On Rear) & 1x 3.5" HDD
- **Power Supply (Optional):** 1U Single up to 300W ATX P/S(Mid Installation) Max. Depth 205mm
- **Cooling:** 2x (80mm = 42.5CFM ea.) Fans
- **Expansion Slots:** 5x Low Profile PCI Slots
- **Indicators:** LEDs for Power ON/OFF, LAN, HDD Activity
- **Switch:** Power ON/OFF Momentary (Square), System Reset
- **Dimensions (WxHxD):** 483x88x355mm (19" x 3.5" x 13.9")
- **Cuft:** 2.0
- **GW:** 9.0kgs / 19.8lbs
- **Carton Size(cm):** 57.0 x 20.3 x 50.0 (22.4" x 8.0" x 19.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-251

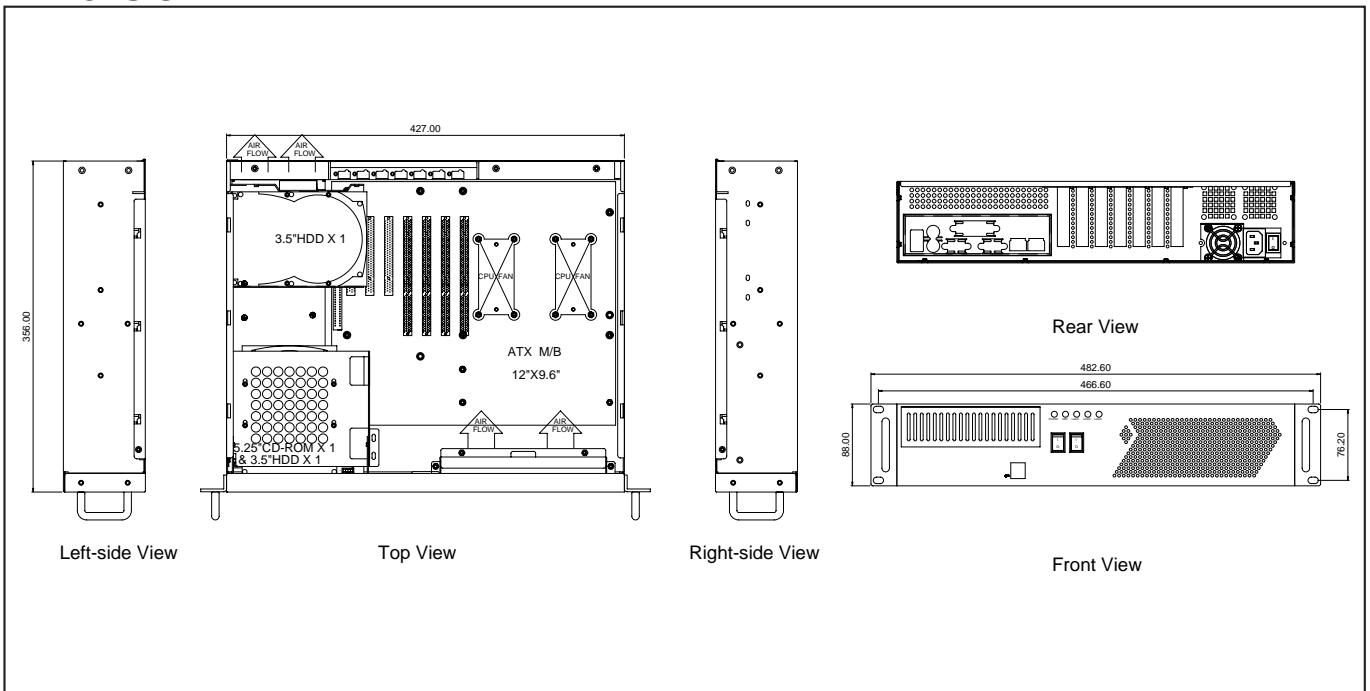
2U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Athlon 64
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** 1x 5.25" & 2x 3.5" HDD
- **Power Supply (Optional):** 1U Single up to 300W ATX P/S(Rear Installation) Max. Depth 205mm
- **Cooling:** 2x (80mm = 42.5CFM ea.) & 2x (40 x 28mm = 15CFM ea.)(Optional) Fans
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots:** 7x Low Profile PCI Slots
- **Indicators:** LEDs for Power ON/OFF, LAN, HDD Activity
- **Switch:** Power ON/OFF Momentary (Square), System Reset
- **Dimensions (WxHxD):** 483x88x355mm (19" x 3.5" x 13.9")
- **Cuft:** 2.0
- **GW:** 9.0kgs / 19.8lbs
- **Carton Size(cm):** 57.0 x 20.3 x 50.0 (22.4" x 8.0" x 19.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-252V/252H

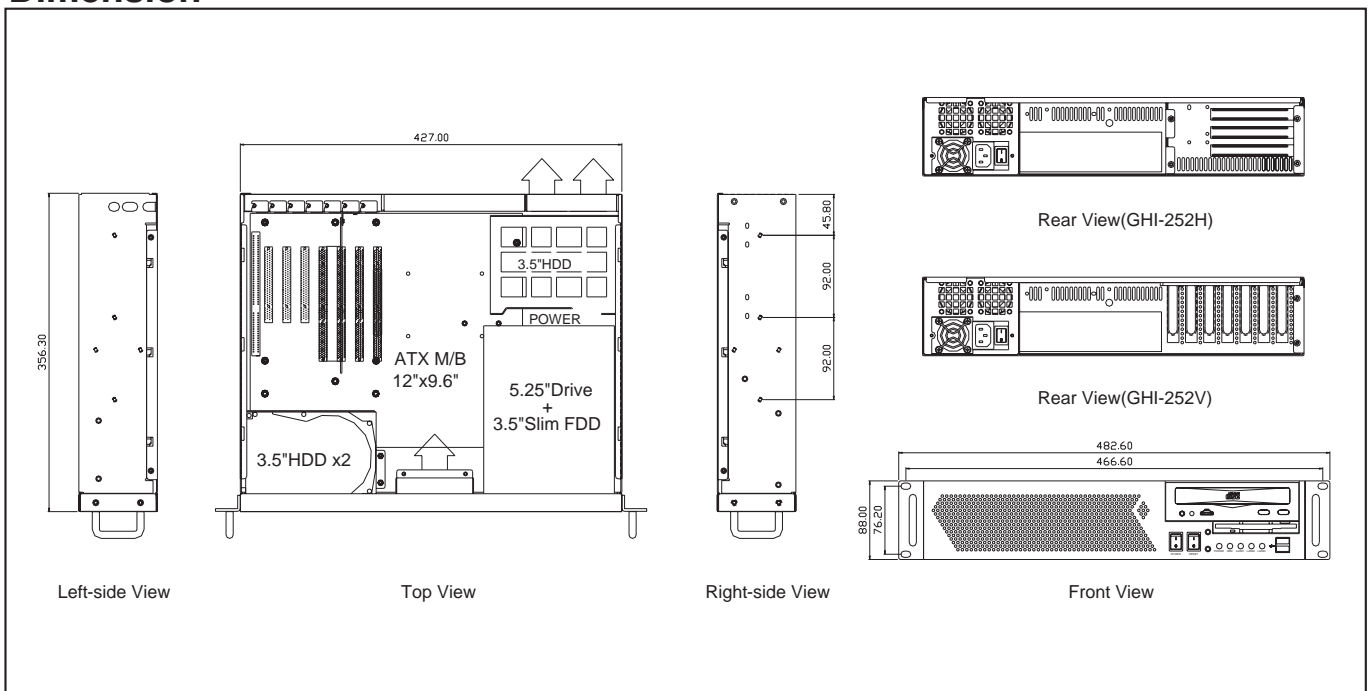
2U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Athlon 64
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** 1x 5.25" & 1x Slim FDD & 3x 3.5" HDD
- **Power Supply (Optional):** 1U Single up to 300W ATX P/S (Rear Installation) Max. Depth 205mm
- **Cooling:** 1x (80mm = 42.5CFM ea.) & 2x (40 x 20mm = 7CFM ea) Fans
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots(Optional):** 2 or 3x Horizontal ISA/PCI/AGP Option Slots(GHI-252H) or 7x Low Profile PCI Slots (GHI-252V)
- **Indicators:** LEDs for Power ON/OFF, LAN, HDD Activity
- **Switch:** Power ON/OFF Momentary(Square), System Reset
- **Dimensions (WxHxD):** 483x88x357mm (19" x 3.5" x 14.1")
- **Cuft:** 2.0
- **GW:** 9.0kgs / 19.8lbs
- **Carton Size(cm):** 57.0 x 20.3 x 50.0 (22.4" x 8.0" x 19.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-253H/253V

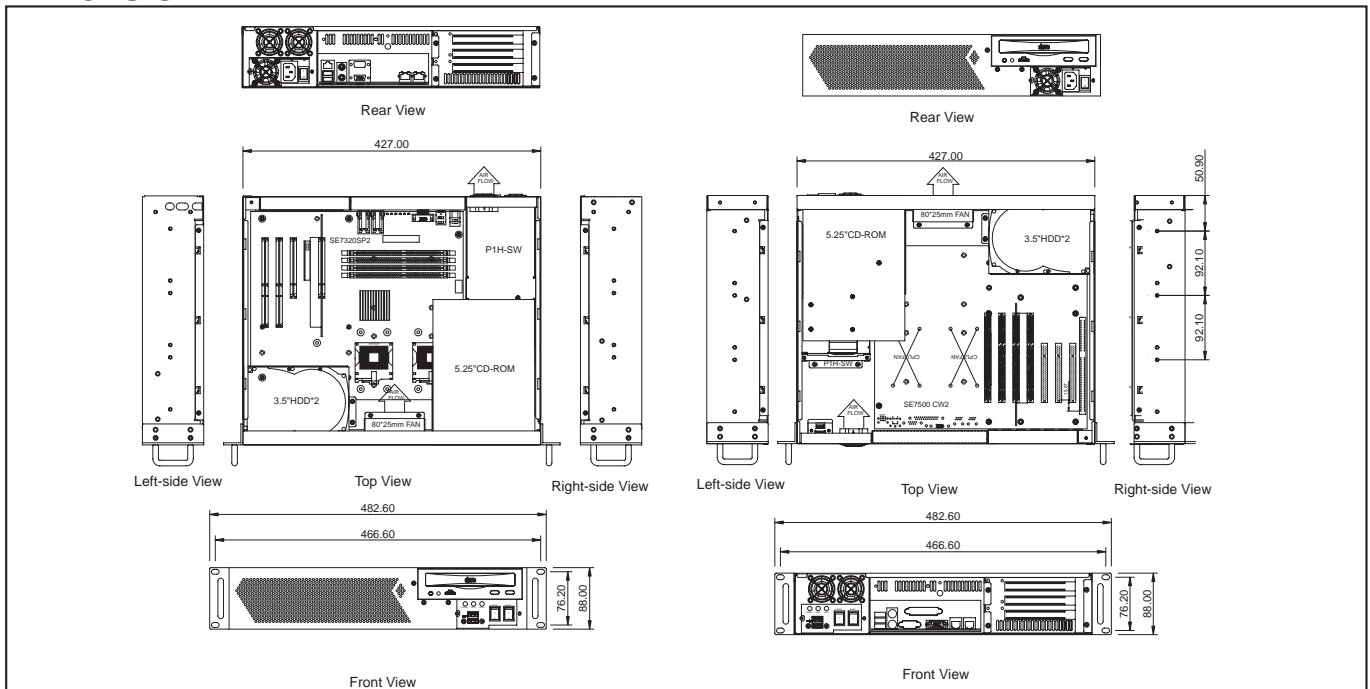
2U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Athlon 64
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** 1x 5.25" & 2x 3.5" HDD
- **Power Supply (Optional):** 1U Single up to 300W ATX P/S (Rear Installation) Max. Depth 205mm
- **Cooling:** 1x (80mm = 42.5CFM ea.) & 2x (40 x 20mm = 7CFM ea) Fans
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots(Optional):** 2 or 3x Horizontal ISA/PCI/AGP Option Slots(GHI-253H) or 7x Low Profile PCI Slots(GHI-253V)
- **Indicators:** LEDs for Power ON/OFF, LAN, HDD Activity
- **Switch:** Power ON/OFF Momentary (Square), System Reset
- **Dimensions (W x H x D):** 483 x 88 x 357mm (19.0" x 3.5" x 14.1")
- **Cuft:** 2.0
- **GW:** 8.0 kgs / 17.6 lbs
- **Carton Size(cm):** 57.0 x 20.3 x 50.0 (22.4" x 8.0" x 19.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-260

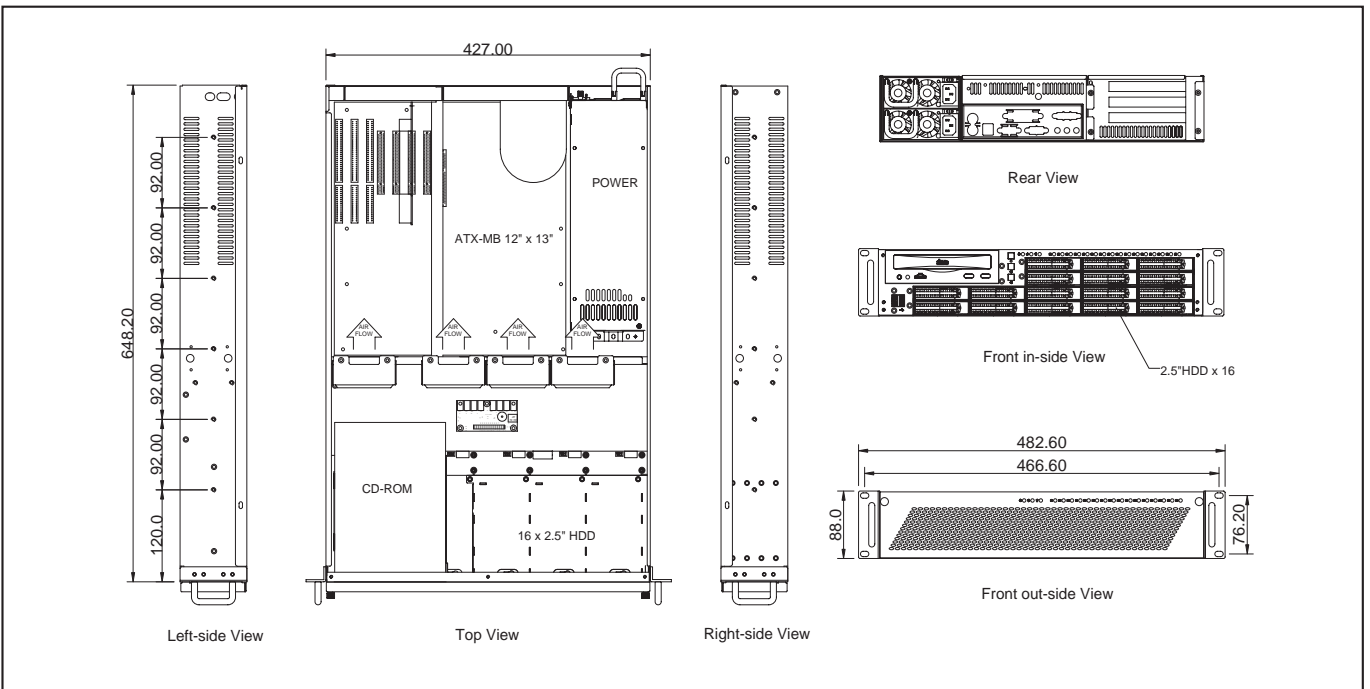
2U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 16x Hot Swap 2.5" Drive Tray & 1x 5.25" CD-ROM
- **Drive Interface:** SATAII, SCSI320 or SAS
- **Power Supply (Optional):** 2U Single up to 600W or Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (80mm = 42.5CFM ea.) Fans
- **Front Door:** Single Door With 2 Thumbscrews (Removable)
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Power/Access, Fan, Temperature
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (W x H x D):** 483 x 88 x 650mm (19" x 3.5" x 25.6")
- **Cuft:** 4.4
- **GW:** 17.2 kgs / 37.9 lbs
- **Carton Size(cm):** 58.8 x 25.5 x 82.5 (23.1" x 10.0" x 32.5")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-280/280V

2U Rackmount Chassis

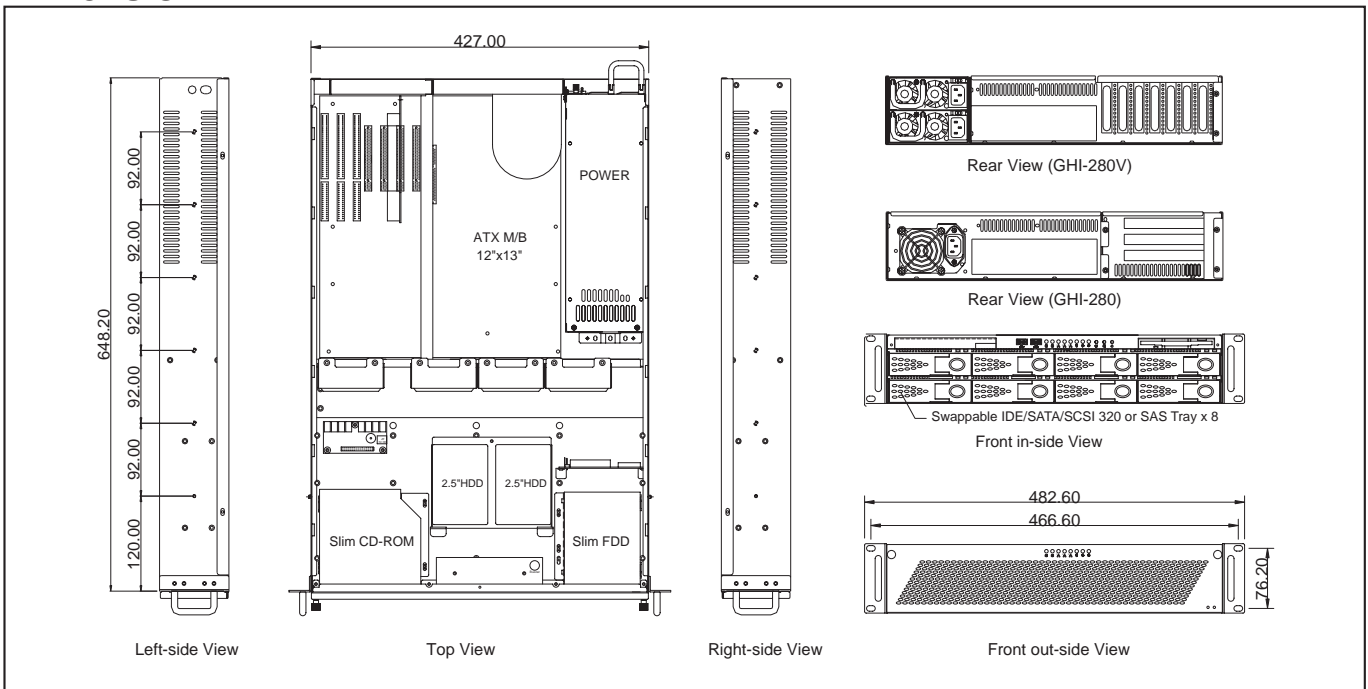


19" Rackmount

Specifications

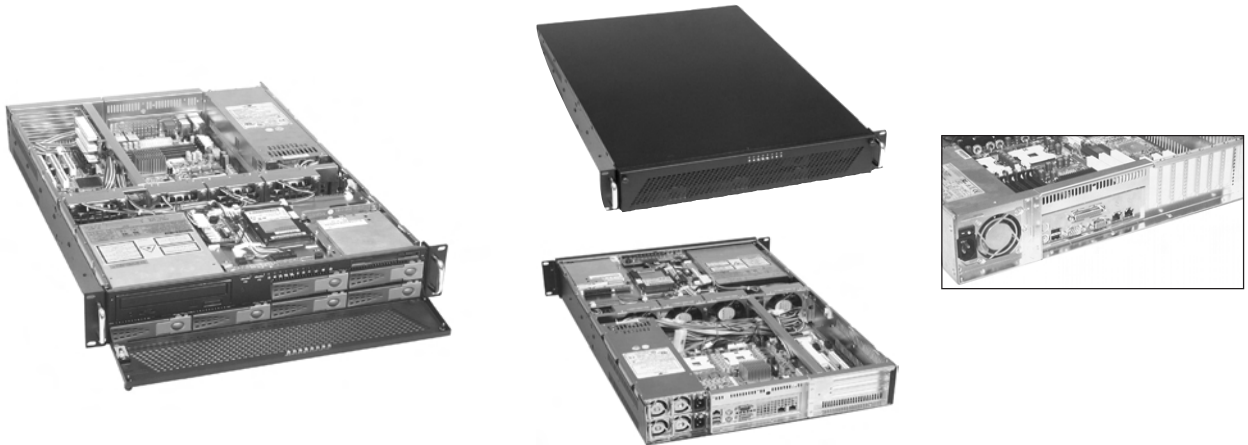
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 1x Slim CD-ROM & 1x Slim FDD & 8x 3.5" Swappable Trays & 2x 2.5"HDD & 1x3.5"HDD (Optional)
- **Drive Interface:** PATA, SATA, SCSI320, Multilane SATA or SAS
- **Power Supply (Optional):** 2U Single up to 600W or 2U Redundant up to 500W ATX P/S(Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (80mm = 42.5CFM ea.) Fans
- **Front Door:** Single Door with 2 Thumbscrews (Removable)
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots(Optional):** 2 or 3x Horizontal ISA/PCI/AGP Option Slots(GHI-280)
7x Low Profile PCI Slots(GHI-280V)
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature, LAN
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 483x88x650mm (19" x 3.5" x 25.6")
- **Cuft:** 4.4
- **GW:** 18.5kgs / 40.8lbs
- **Carton Size(cm):** 58.8 x 25.5 x 82.5 (23.1" x 10.0" x 32.5")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-281/281V

2U Rackmount Chassis

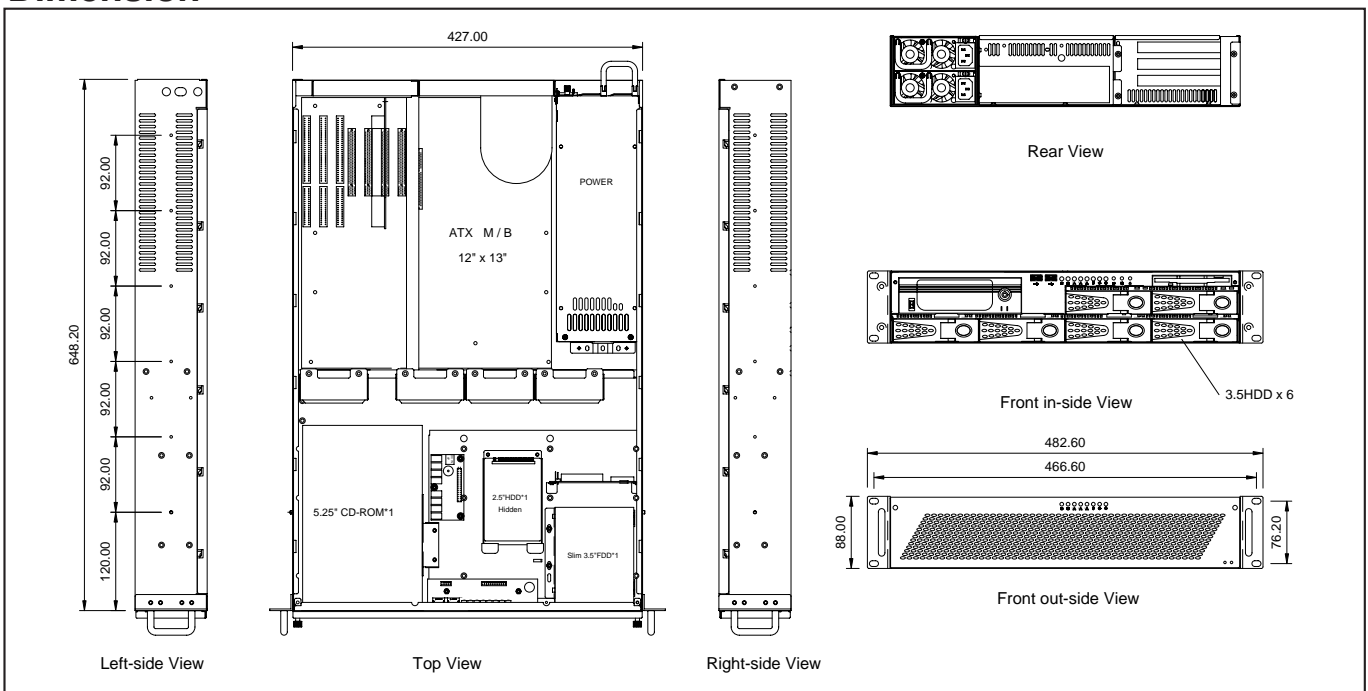


19" Rackmount

Specifications

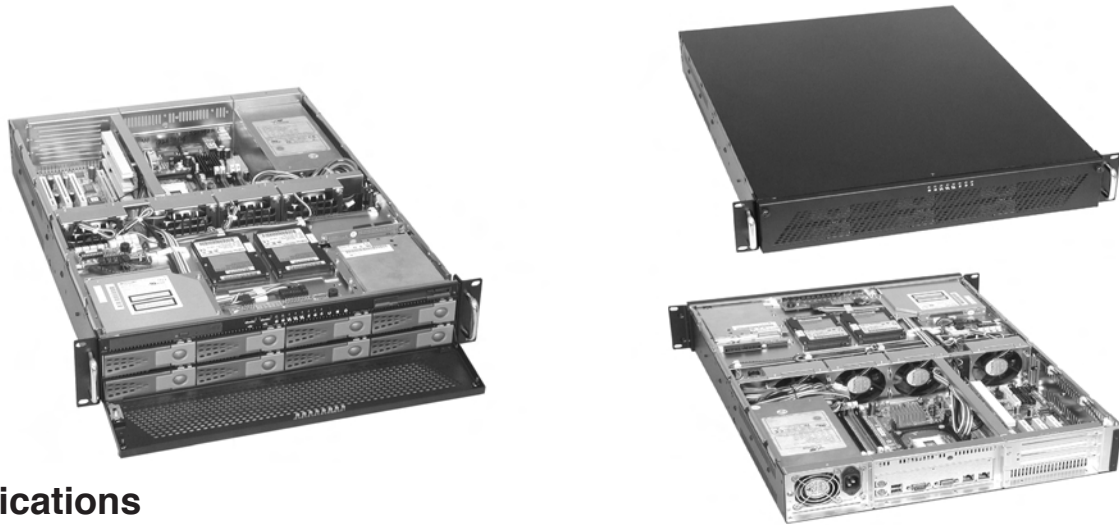
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 1x 5.25" & 1x Slim FDD & 6x 3.5" Swappable Trays & 1x 2.5"HDD
- **Drive Interface:** PATA, SATA, SCSI320 or SAS
- **Power Supply (Optional):** 2U Single up to 600W or 2U Redundant up to 500W ATX P/S(Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (80mm = 42.5CFM ea.) Fans
- **Front Door:** Single Door with 2 Thumbscrews (Removable)
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots(Optional):** 2 or 3x Horizontal ISA/PCI/AGP Option Slots(GHI-281)
7x Low Profile PCI Slots(GHI-281V)
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF , HDD Activity, Fan, Temperature, LAN
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 483x88x650mm (19" x 3.5" x 25.6")
- **Cuft:** 4.4
- **GW:** 18.5kgs / 40.8lbs
- **Carton Size(cm):** 58.8 x 25.5 x 82.5 (23.1" x 10.0" x 32.5")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-282/282V

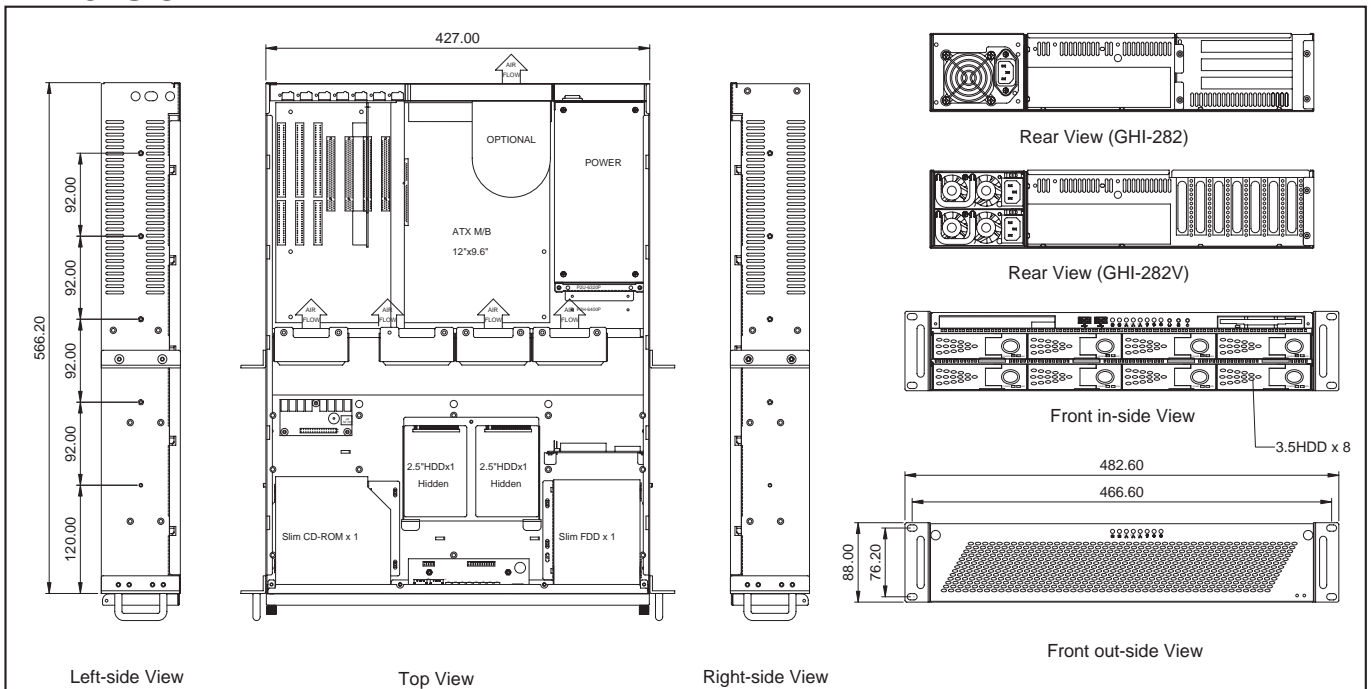
2U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** 1x Slim CD-ROM & 1x Slim FDD & 8x 3.5" Swappable Trays & 2x 2.5"HDD
- **Drive Interface:** PATA, SATA, SCSI320, Multilane SATA or SAS
- **Power Supply (Optional):** 2U Single up to 510W or Redundant up to 400W ATX P/S (Rear Installation) Max. Depth 240mm
- **Cooling:** 4x (80mm = 42.5CFM ea.) Fan
- **Front Door:** Single Door with 2 Thumbscrews(Removable)
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots (Optional):** 2 or 3x Horizontal ISA/PCI/AGP Option Slots(GHI-282), 7x Low Profile PCI Slots(GHI-282V)
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature, LAN
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 483x88x565mm (19" x 3.5" x 22.2")
- **Cuft:** 3.9
- **GW:** 17.5kgs / 38.5lbs
- **Carton Size(cm):** 58.8 x 25.5 x 74.5 (23.1" x 10.0" x 29.3")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-283/283V

2U Rackmount Chassis

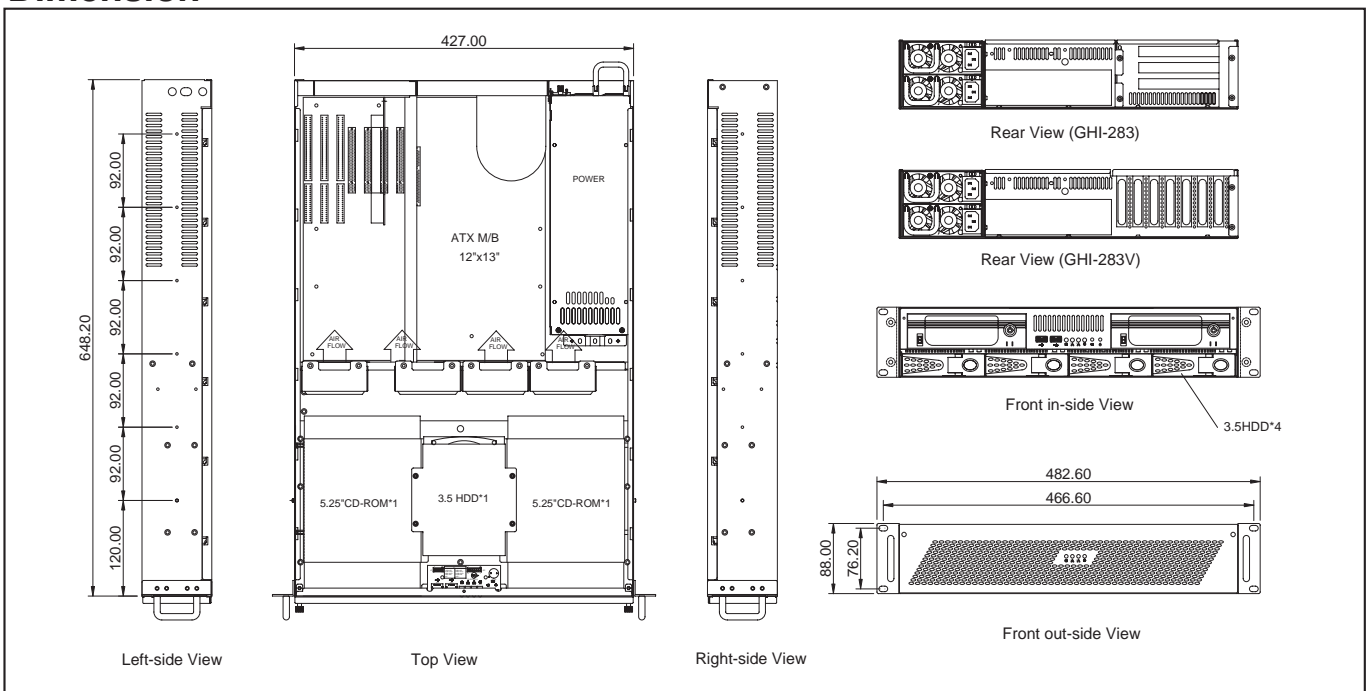


19" Rackmount

Specifications

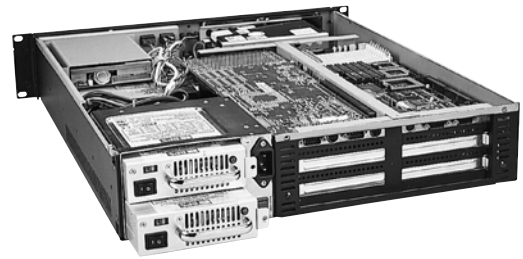
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 2x 5.25" & 1x 3.5"HDD & 4x 3.5" Swappable Trays
- **Drive Interface:** PATA, SATA, SCSI320, Multilane SATA or SAS
- **Power Supply (Optional):** 2U Single up to 600W or 2U Redundant up to 500W ATX P/S(Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (80mm = 42.5CFM ea.)Fans
- **Front Door:** Single Door with 2 Thumbscrews (Removable)
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots(Optional):** 2 or 3x Horizontal ISA/PCI/AGP Option Slots(GHI-283)
7x Low Profile PCI Slots(GHI-283V)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, LAN
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset
- **Dimensions (WxHxD):** 483x88x650mm (19" x 3.5" x 25.6")
- **Cuft:** 4.4
- **GW:** 18.5kgs / 40.8lbs
- **Carton Size(cm):** 58.8 x 25.5 x 82.5 (23.1" x 10" x 32.5")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-288SR

2U Rackmount Chassis

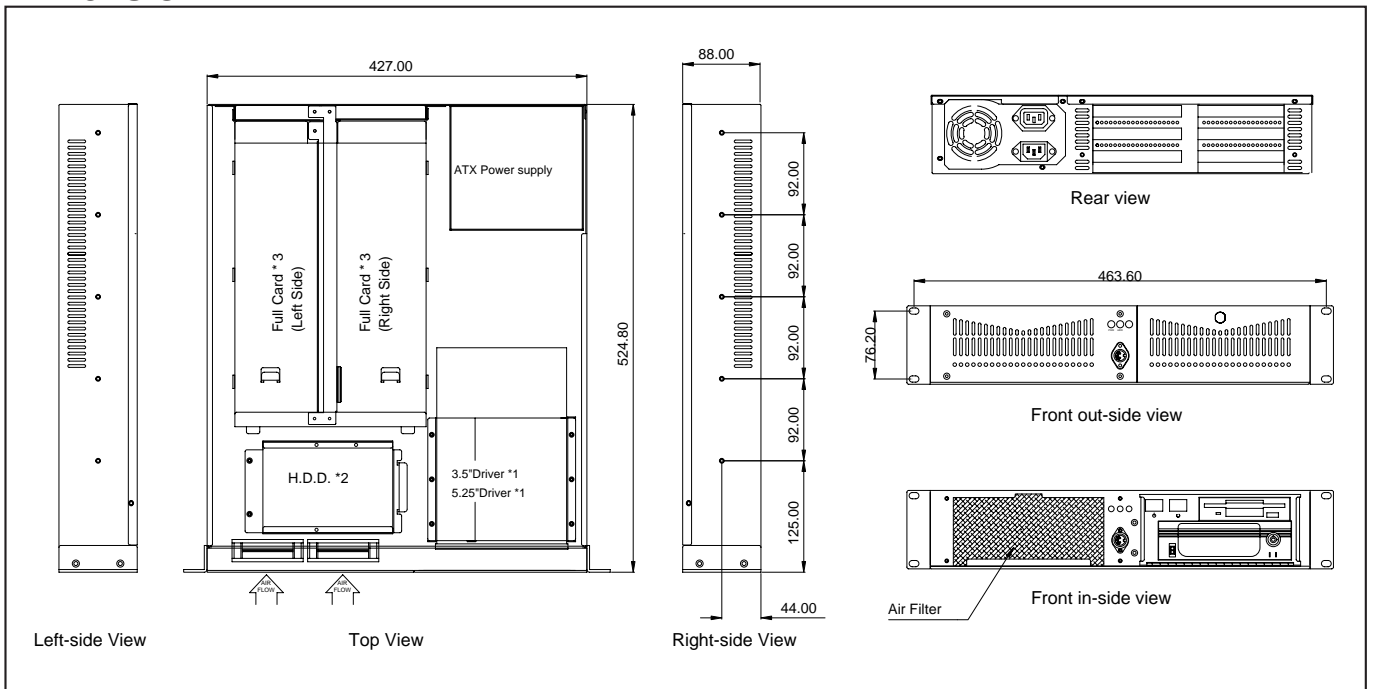


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support 6-slot Passive Backplane**
- **Drive Capacity:** 1x 5.25" & 1x 3.5" & 2x 3.5" HDD
- **Power Supply (Optional):** PS/2 size Single up to 700W or Mini Redundant up to 500W P/S (Rear Installation)
- **Cooling:** 2x (80mm = 42.5CFM ea.) Fans
- **Front Door:** Drive panel door with Keylock
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port (Front):** 1x PS/2 Port
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset
- **Dimensions (WxHxD):** 483x88x526mm (19" x 3.5" x 20.7")
- **Cuft:** 3.6
- **GW:** 15.0kgs / 33.1lbs
- **Carton Size(cm):** 58.8 x 25.5 x 68.5 (23.1" x 10.0" x 27.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-289

2U Rackmount Chassis

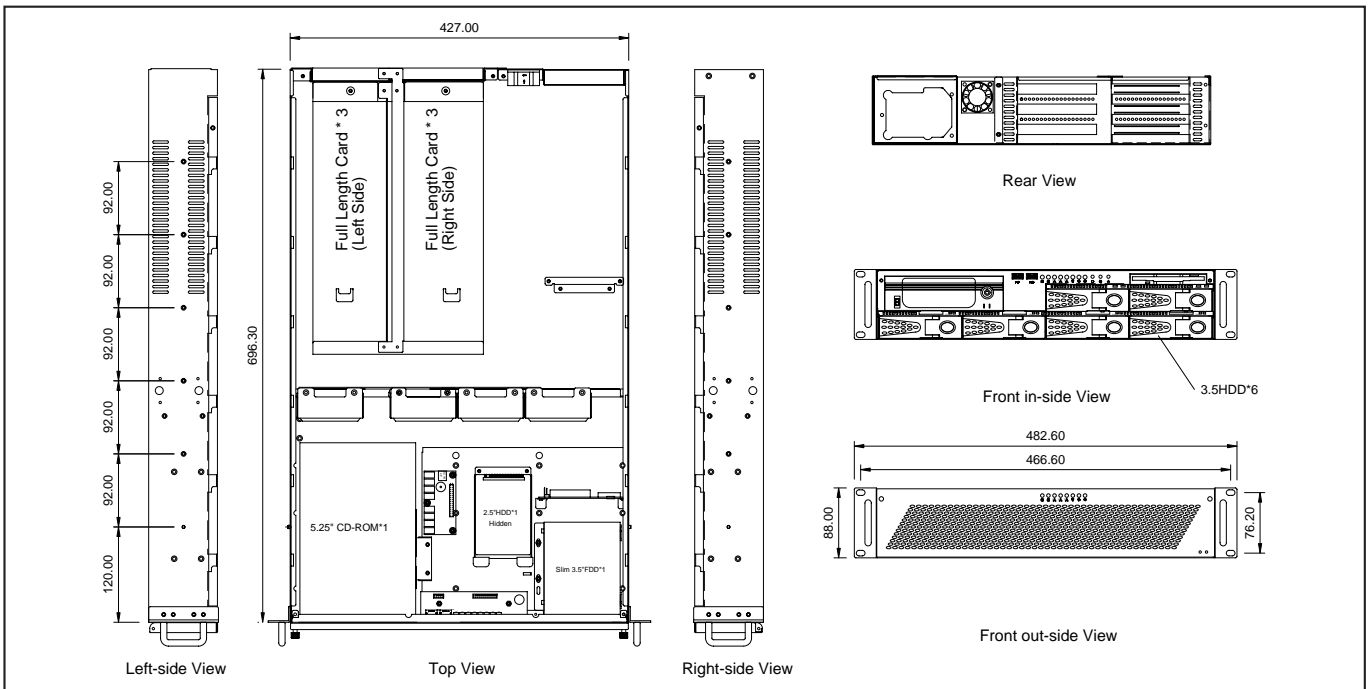


19" Rackmount

Specifications

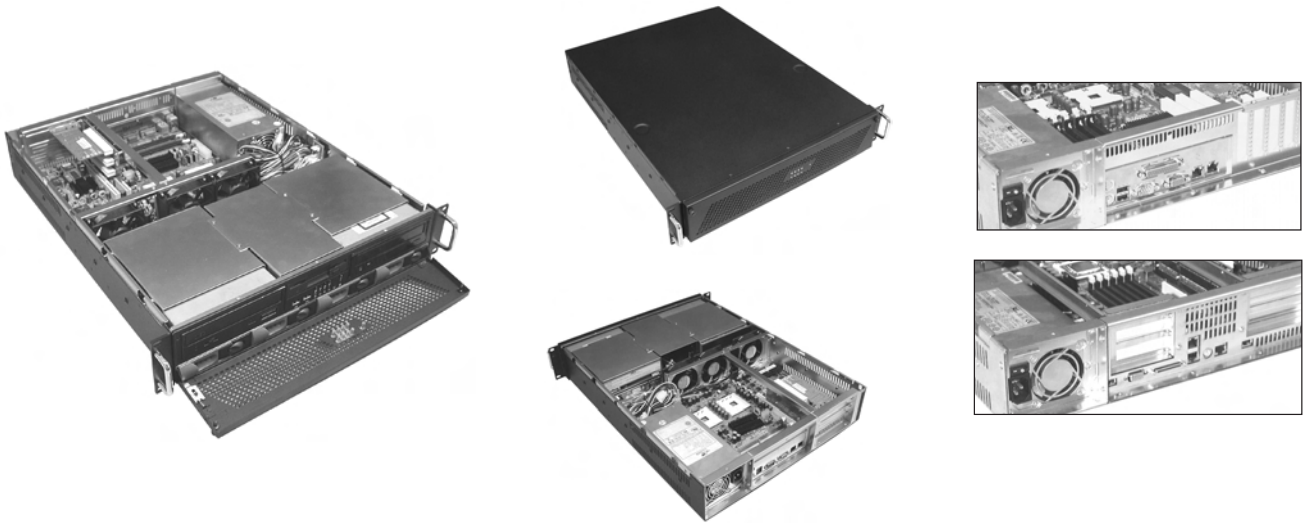
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Supports 6 Slot Passive Backplane**
- **Drive Capacity:** 1x 5.25", 1x Slim FDD, 6x 3.5" Hot Swappable Drive Tray & 1x 2.5" HDD
- **Drive Interface:** PATA, SATA, SCSI320 or SAS
- **Power Supply (Optional):** 2U Single up to 600W or 2U Redundant up to 500W ATX P/S ea. (Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (80mm = 42.5CFM ea.) Fans & 1x (40mm = 15.3CFM ea.) Fans
- **Front Door:** Single Door with 2 Thumbscrews (Removable)
- **Connector Port (Front):** 2x USB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, 2x HDD, Fan, & 3x LAN Activity
- **Switch:** Power ON/OFF Momentary(Rocker), System Reset
- **Dimensions (WxHxD):** 483x88x696mm (19" x 3.5" x 25.6")
- **Cuft:** 4.6
- **GW:** 18.5kgs / 40.8lbs
- **Carton Size (cm):** 86.1 x 25.5 x 59.5 (33.9" x 10.0" x 23.4")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-293/293V

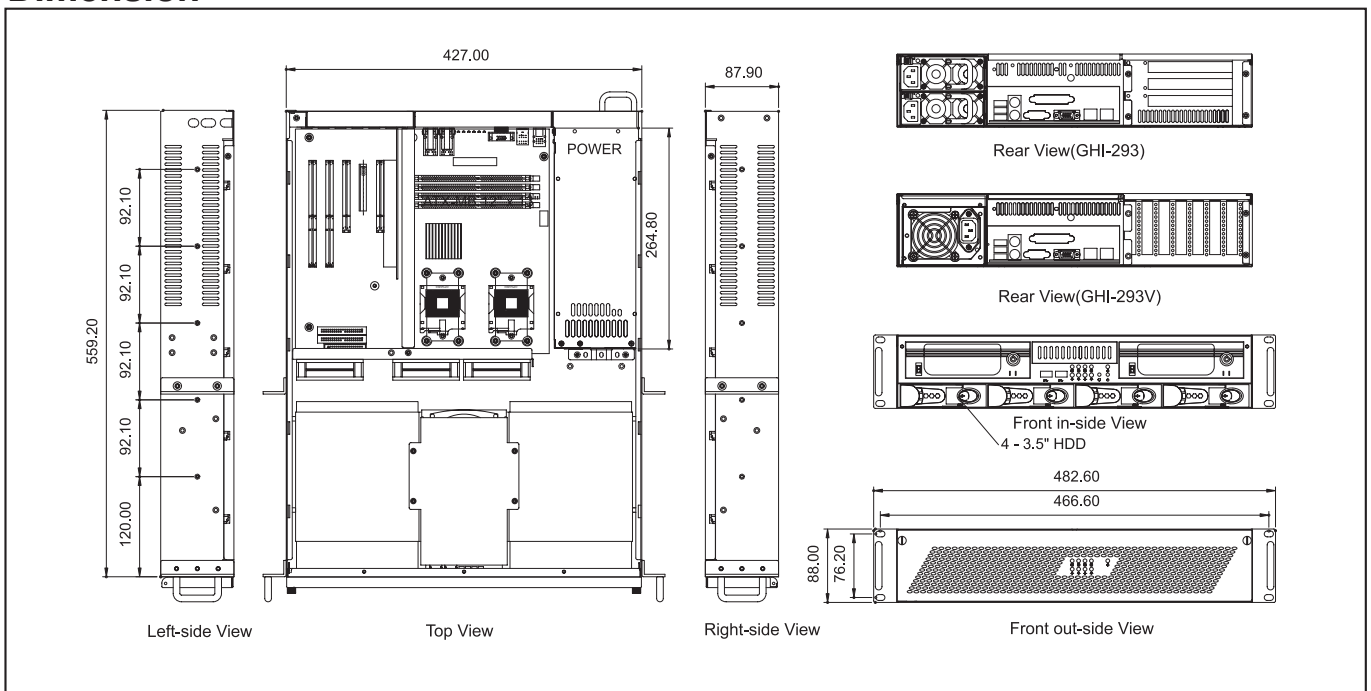
2U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 10.5") SSI EEB 3.0**
- **Drive Capacity:** 2x 5.25" & 1x 3.5" FDD & 4x 3.5" Swappable Trays
- **Drive Interface:** SATA, SCSI320, Multilane SATA or SAS
- **Power Supply (Optional):** 2U Single up to 600W or 2U Redundant up to 500W ATX P/S(Rear Installation) Max. Depth 300mm
- **Cooling:** 3x (80mm = 42.5CFM ea.) Fans
- **Front Door:** Single Door With 2 Thumbscrews (Removable)
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots(Optional):** 2 or 3x Horizontal ISA/PCI/AGP Option Slots(GHI-293) or 7x Low Profile PCI Slots(GHI-293V)
- **Indicators:** LEDs for Power ON/OFF, 4xHDD Activity, Fan, Temperature, LAN
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (W x H x D):** 483 x 88 x 560mm (19" x 3.5" x 22.1")
- **Cuft:** 3.3
- **GW:** 13.9kgs / 30.7lbs
- **Carton Size(cm):** 57.0 x 22.0 x 73.5 (22.4" x 8.7" x 28.9")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-B20

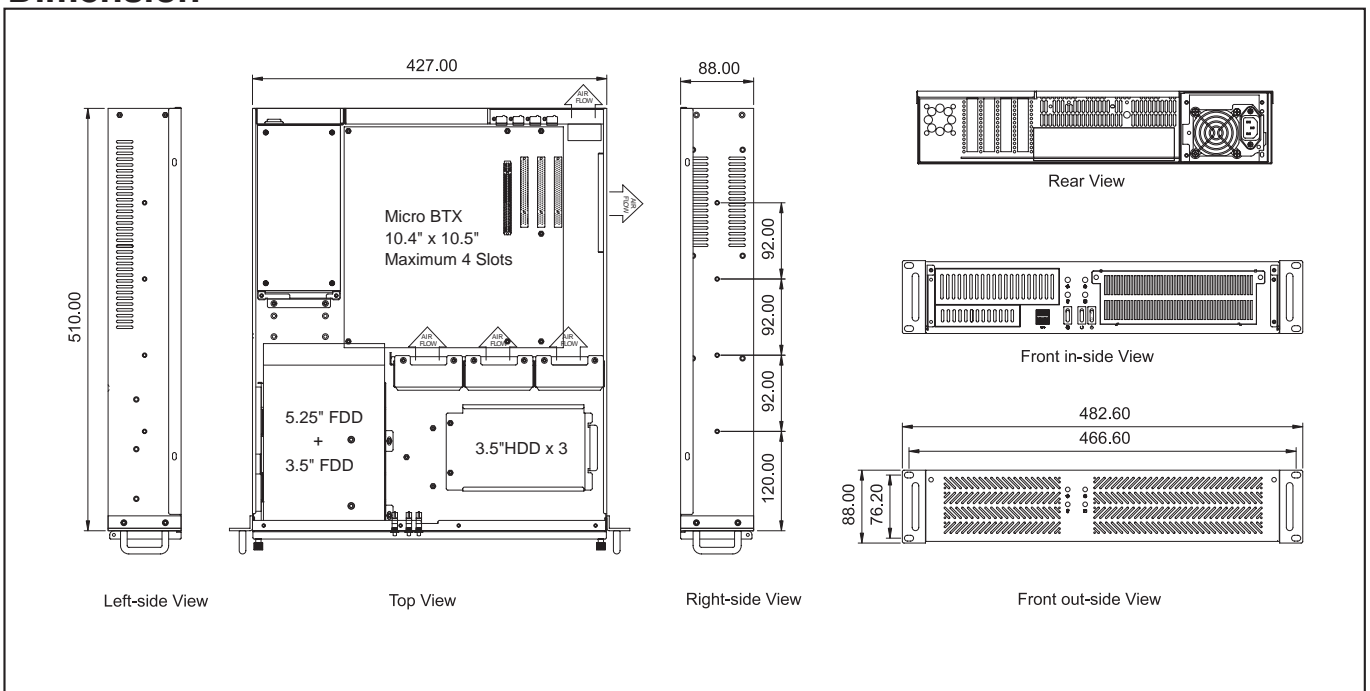
2U Rackmount Chassis



Specifications

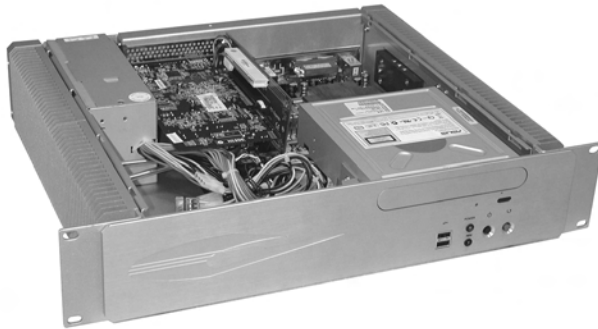
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support BTX M/B (Max. to 10.4" x 10.5")**
- **Drive Capacity:** 1x 5.25" CD-ROM & 1x 3.5" FDD & 3x 3.5"HDD (Hidden)
- **Power Supply(Optional):** 2U Single up to 510W or Redundant up to 300W ATX P/S (Rear Installation) Max. Depth 240mm
- **Cooling:** 4x (80 x 25mm = 42.5CFM ea.) Fans & 1x (40 x 20mm = 7.0CFM ea.) Fans
- **Front Door:** Single Door With 2 Thumbscrews
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots(Optional):** 4x Low Profile PCI Slots
- **Indicators:** LEDs for Power ON/OFF, HDD Active, Fan, Temperature
- **Switch:** Power ON/OFF Momentary(Rocker), System Reset, Buzzer Reset
- **Thermal Management Card:** GHA-CO04
- **Dimensions(WxHxD):** 483 x 88 x 510mm(19.0" x 3.5" x 20.1")
- **Cuft:** 3.5
- **GW:** 12.5 kgs / 27.6 lbs
- **Carton Size(cm):** 59.0 x 24.5 x 69.3 (23.2" x 9.7" x 27.3")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-XP2

2U Rackmount Fanless Chassis

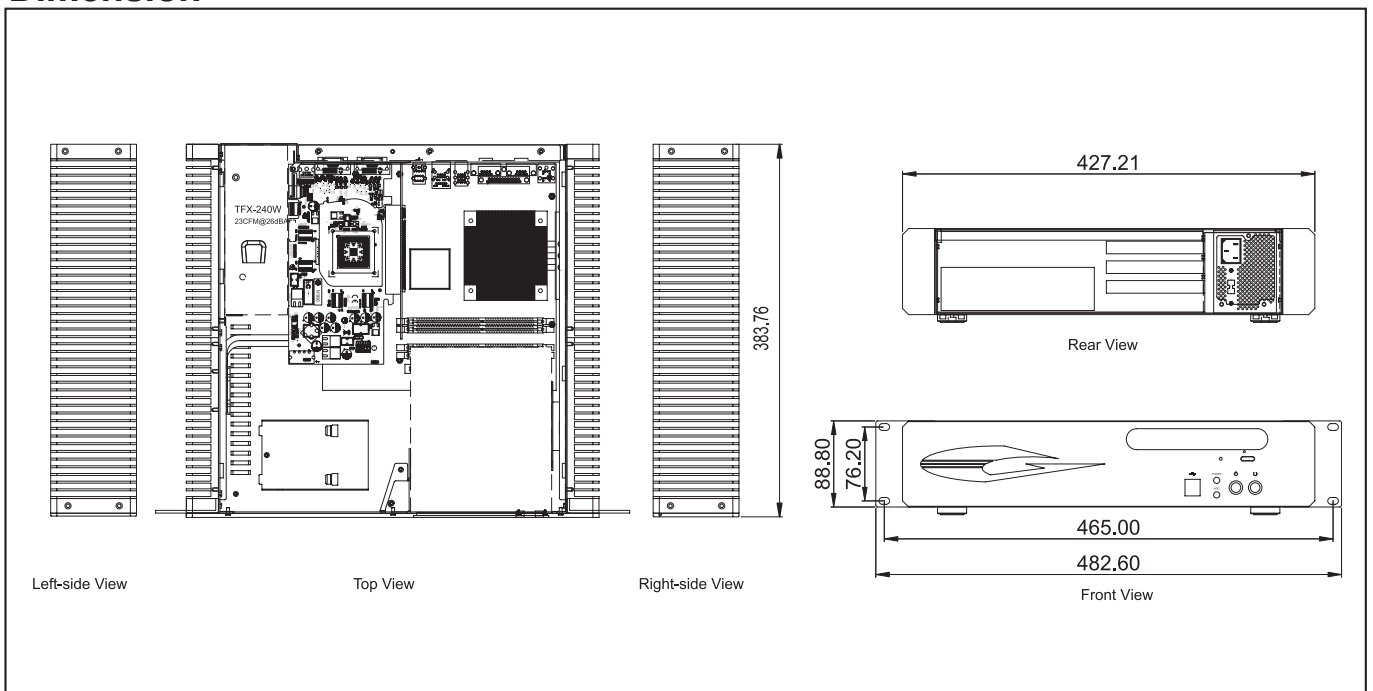


19" Rackmount

Specifications

- EIA RS-310C 19" Rackmount Standard
- Construction: Aluminum
- Color: Silver or Custom
- System Boards: Dual Xeon, Pentium 4, Dual Pentium III
- Support ATX M/B(Max. to 12"x10.5")
- Drive Capacity: 1x5.25" CD-ROM & 2x2.5"HDD
- Power Supply(Optional): Flex ATX 240W P/S Max. Depth 175mm
- Cooling: Heat sink With Heat Pipe for CPU and VGA Card Chip
- Connector Port (Front): 2x USB Ports
- Expansion Slots(Optional): 2 or 3xHorizontal Slots(ISA, PCI, AGP Option) or 7x Low Profile PCI Slots
- Indicators: LEDs for Power ON/OFF, HDD Activity
- Switch: Power ON/OFF, System Reset
- Dimensions (W x H x D): 420 x 89 x 385mm (16.5"x3.5"x15.2")
- Cuft: 3.3
- GW: 14.3 kgs / 31.5 lbs
- Carton Size(cm): 57.0 x 22.0 x 73.5 (22.4" x 8.7" x 28.9")
- Humidity: 5% - 95% Non-condensing

Dimension



GH-310ATXR

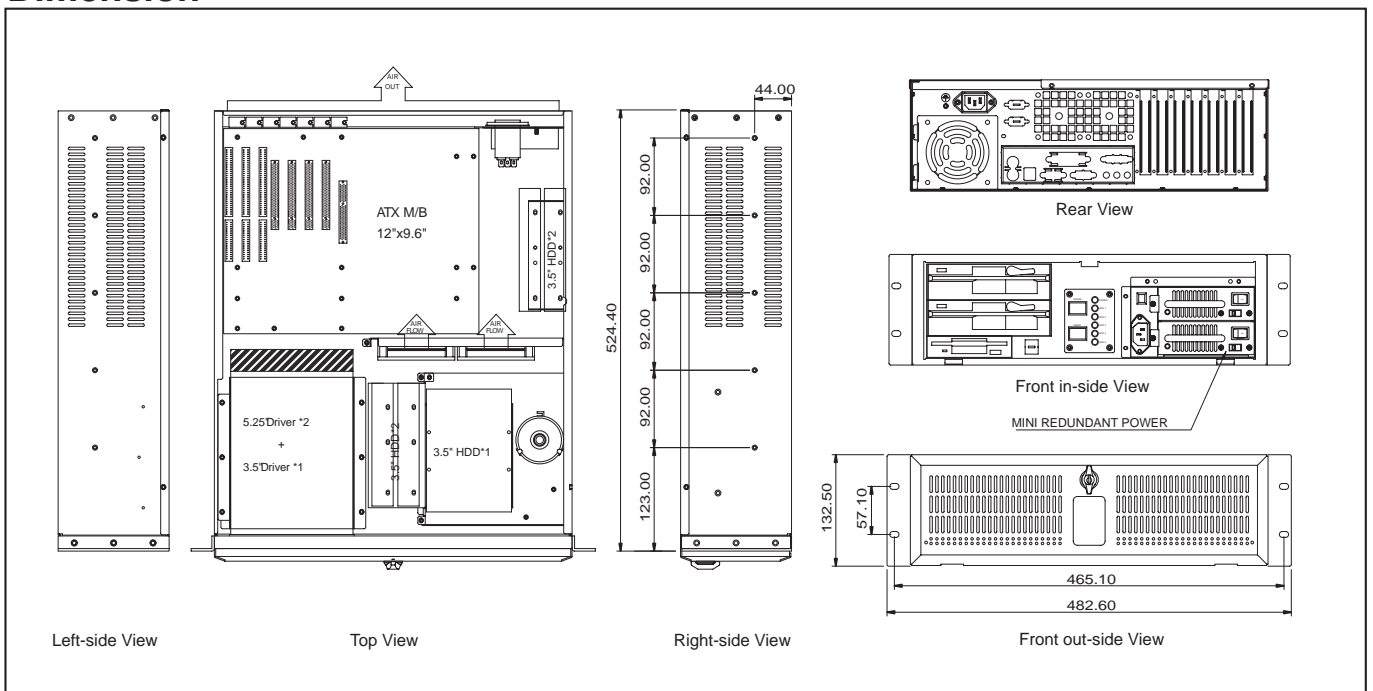
3U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, Athlon 64, Dual Opteron, Pentium 4
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** 2x 5.25" & 1x 3.5" & 5x 3.5" HDD
- **Power Supply (Optional):** PS/2 size single up to 700W or Mini Redundant up to 500W ATX P/S (Front/Mid Installation) Max. Depth of 205mm
- **Cooling:** 1x (80mm = 42.5CFM ea.) & 2x (92mm = 51CFM ea.) Fans
- **Connector Port (Front):** 2x USB Ports (Optional)
- **Front Door:** Single Door with 1 Thumb Twist Keylock
- **Air Filter:** Inside Front Door (Washable)
- **Expansion Slots:** 7 slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset
- **Dimensions (WxHxD):** 483x133x526mm(19" x 5.2" x 20.7")
- **Cuft:** 4.2
- **GW:** 16.0kgs / 35.3lbs
- **Carton Size(cm):** 58.8 x 28.5 x 70.3 (23.1" x 11.2" x 27.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-312

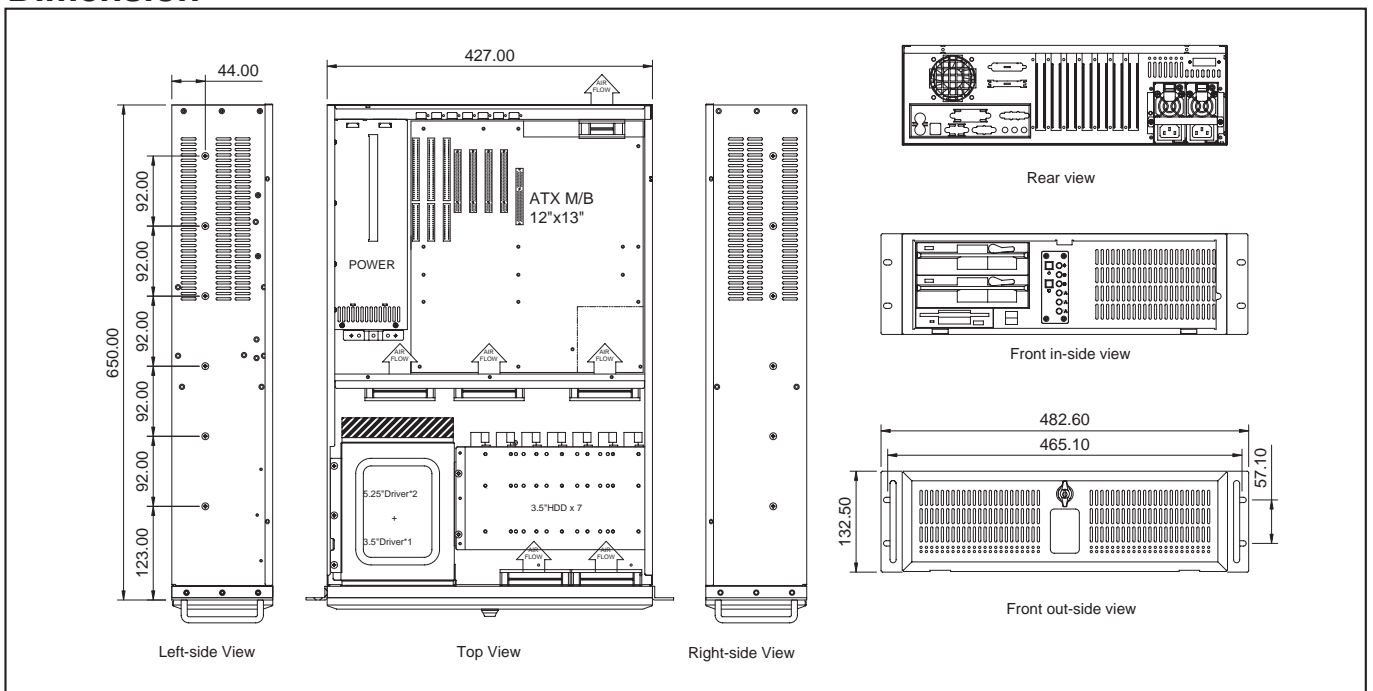
3U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 2x 5.25" & 1x 3.5" & 7x 3.5" HDD & 2x 3.5" HDD (Optional)
- **Power Supply (Optional):** 2U Single up to 700W or 2U Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 5x (92mm = 51CFM ea.) & 1x (60mm = 23.5CFM ea.) Fans
- **Front Door:** Single Door with 1 Thumb Twist Keylock
- **Air Filter:** Inside Front Door (Washable)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots:** 7 slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary(Rocker), System Reset
- **Dimensions (WxHxD):** 483x133x650mm (19" x 5.2" x 25.6")
- **Cuft:** 5.3
- **GW:** 13.0kgs / 28.7lbs
- **Carton Size(cm):** 81.8 x 59.4 x 31.0 (32.2" x 23.4" x 12.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-313

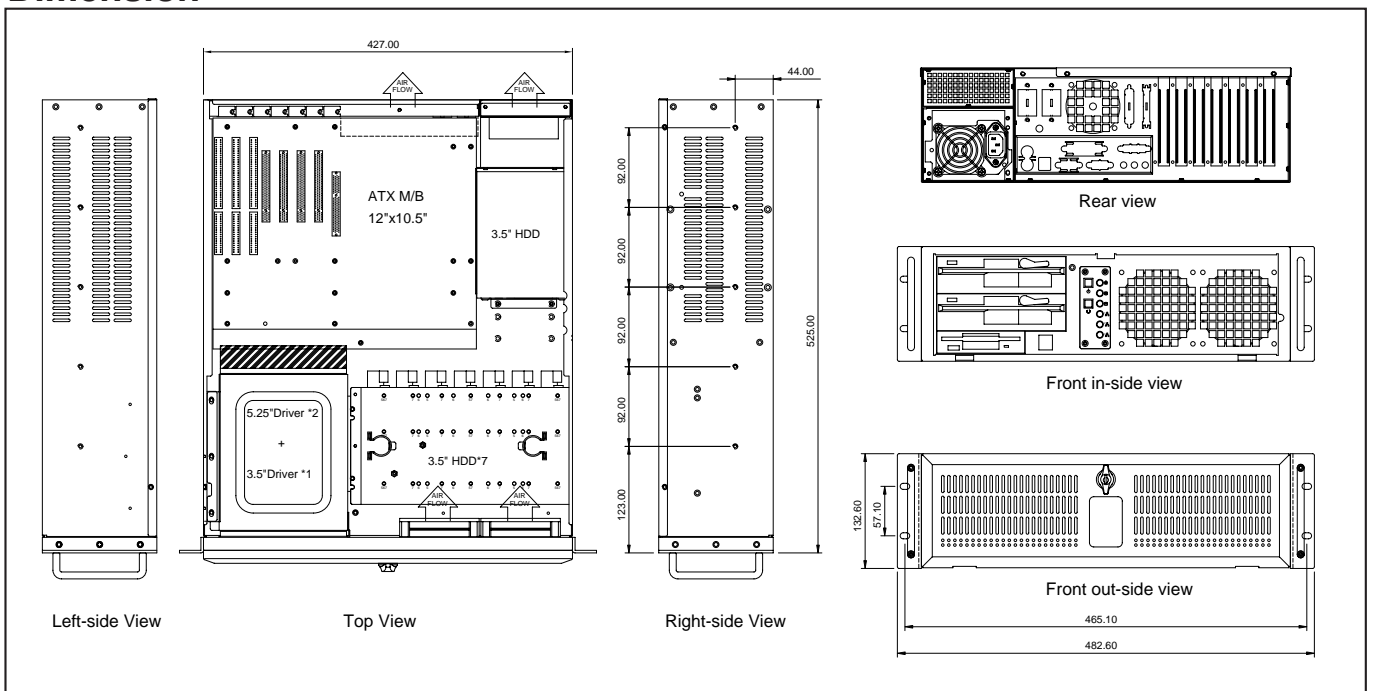
3U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64
- **Supports ATX M/B (Max. to 12" x 10.5")**
- **Drive Capacity:** 2x 5.25", 1x 3.5" FDD & 7x 3.5" HDD & 1x 3.5" HDD (Optional)
- **Power Supply (Optional):** 2U Single up to 600W or 2U Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 250mm
- **Cooling:** 2x (92mm = 51CFM ea.) Fans & 1x (60mm = 23.5CFM ea.) Fan
- **Front Door:** Single Door with 1 Thumb Twist Keylock
- **Air Filter:** Inside Front Door (Washable)
- **Connector Port (Front):** 2x USB Ports
- **Indicators:** LEDs for Power ON/OFF, 2x HDD, Fan, & 3x LAN Activity
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset
- **Dimensions (WxHxD):** 483x133x 526mm (19" x 5.2" x 20.7")
- **Cuft:** 4.2
- **GW:** 14.7kgs / 32.4lbs
- **Carton Size (cm):** 58.8 x 28.5 x 70.3 (23.1" x 11.2" x 27.7")
- **Humidity:** 5% - 95% Non-condensing

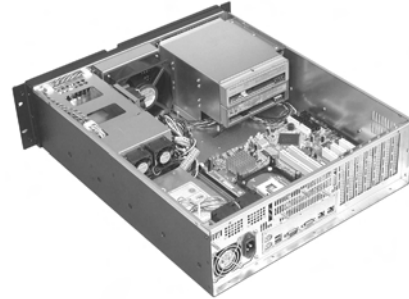
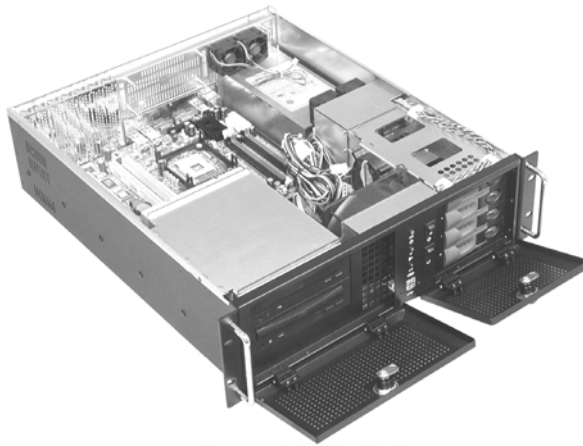
Dimension



GHI-314

3U Rackmount Chassis

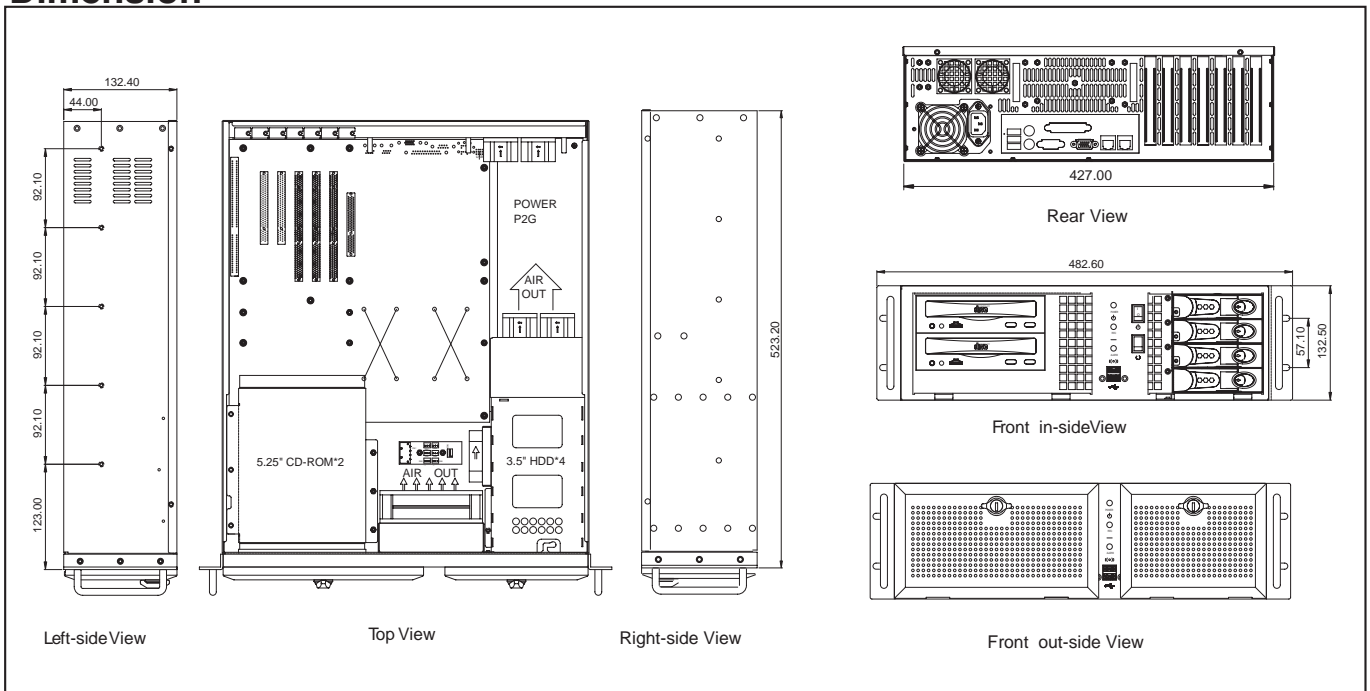
19" Rackmount



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64
- **Supports ATX M/B (Max. to 12" x 10.5")**
- **Drive Capacity:** 2x 5.25" , 4x 3.5" Swappable Trays
- **Drive Interface:** SCSI320, SATA or SAS
- **Power Supply (Optional):** 2U Single up to 510W or 2U Redundant up to 400W ATX P/S (Rear Installation) Max. Depth 250mm
- **Cooling:** 1x (120mm = 108CFM ea.) & 2x (60mm = 23.5CFM ea.) & 4x (40mm = 15.3CFM ea.) Fans
- **Connector Port (Front):** 2x USB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, LAN
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset
- **Dimensions (W x H x D):** 483 x 133 x 524mm (19" x 5.2" x 20.6")
- **Cuft:** 4.2
- **GW:** 15.5kgs / 34.2lbs
- **Carton Size (cm):** 58.8 x 28.5 x 70.3 (23.1" x 11.2" x 27.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-315

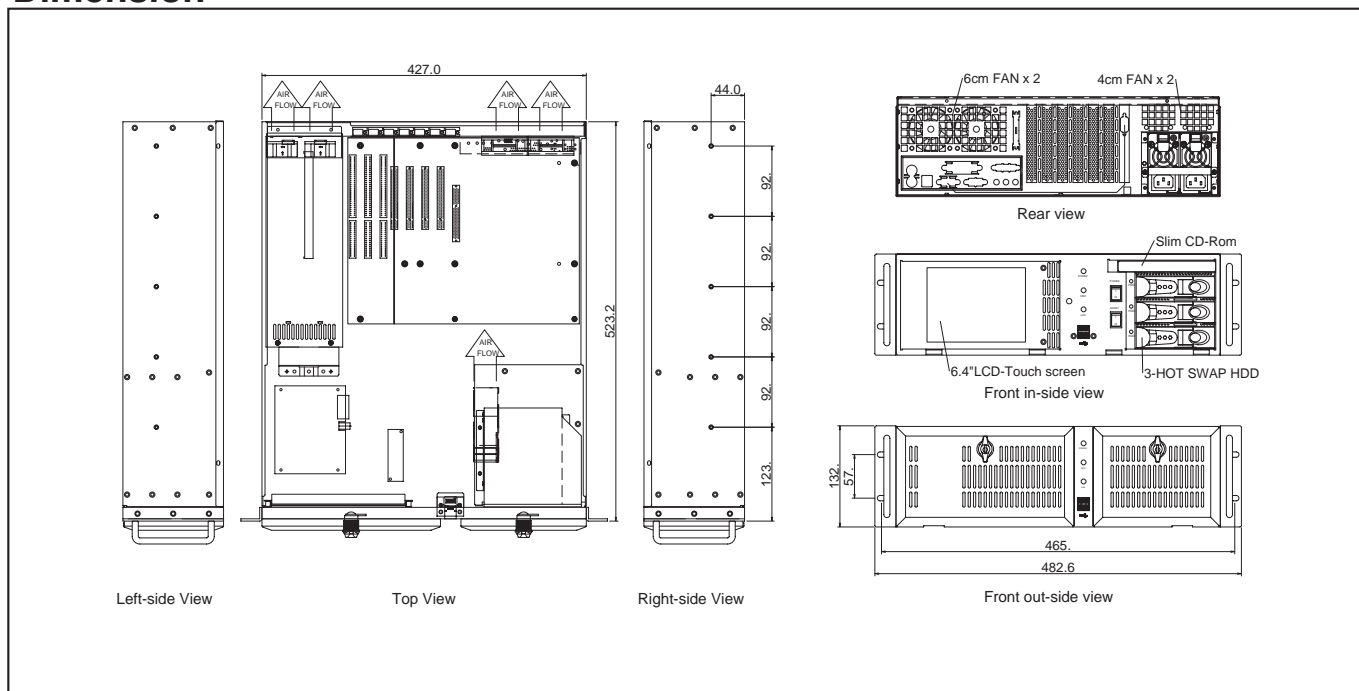
3U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support ATX M/B (Max. to 12" x 9.6") SSI EEB 3.0**
- **Drive Fnterface:** SCSI 320 , SATA or SAS
- **Drive Capacity:** 1x 5.25" Slim CD-ROM & 3x 3.5" Hot Swappable Trays
- **Power Supply(Optional):** 2U Single up to 600W or 2U Redundant up to 500W ATX PSU Max. Depth 300mm
- **Expansion Slots:** 7 slot Full Length
- **Front Door:** Two Doors With Thumb Twist Keylock
- **Cooling:** 2x (60mm = 23.5CFM ea.) Fans & 2x(40mm =7CFM ea.)
- **Connector Port (Front):** 2 X USB Ports
- **LCD:** 6.4" 640x480 Digital TFT Panel With Touch Screen
- **Indicators:** LEDs for Power ON/OFF, HDD,LAN Activity
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset and Panel ON/OFF
- **Dimensions (W x H x D):** 483 x 133 x 526mm (19" x 5.2" x 20.7")
- **Cuft:** 4.2
- **GW:** 14.8kgs / 32.6lbs
- **Carton Size(cm):** 58.8 x 28.5 x 70.3(23.2" x 11.2" x 27.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-341ATX

3U Rackmount Chassis

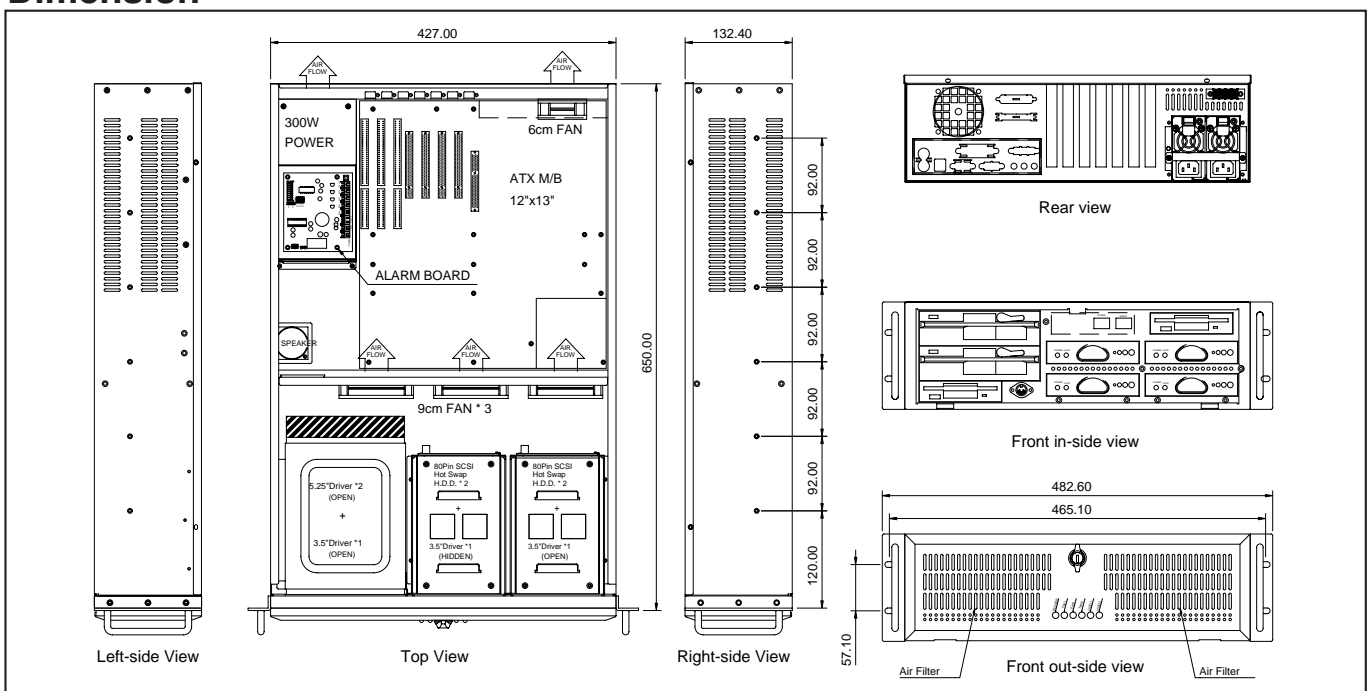


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Interface:** SCSI 320, P-ATA, SATA or SAS
- **Drive Capacity:** 2x 5.25" & 2x 3.5" & 1x 3.5" HDD & 4x 3.5" Hot Swappable Trays
- **Power Supply(Optional):** 2U Single up to 650W or 2U Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 3x (92mm = 51CFM ea.) & 1x (60mm = 23.5CFM ea.) Fans
- **Front Door:** Single Door with 1 Thumb Twist Keylock
- **Air Filter:** Inside Front Door (Washable)
- **Connector Port (Front):** 1x PS/2 Port
- **Expansion Slots:** 7 slot Full Length
- **Thermal Management Card:** GHA-CO03
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary(Rocker), System Reset
- **Dimensions(WxHxD):** 483x133x650mm (19" x 5.2" x 25.6")
- **Cuft:** 5.3
- **GW:** 13.0kgs / 39.7lbs
- **Carton Size(cm):** 59.4 x 31.0 x 81.8(23.4" x 12.2" x 32.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-342ATX

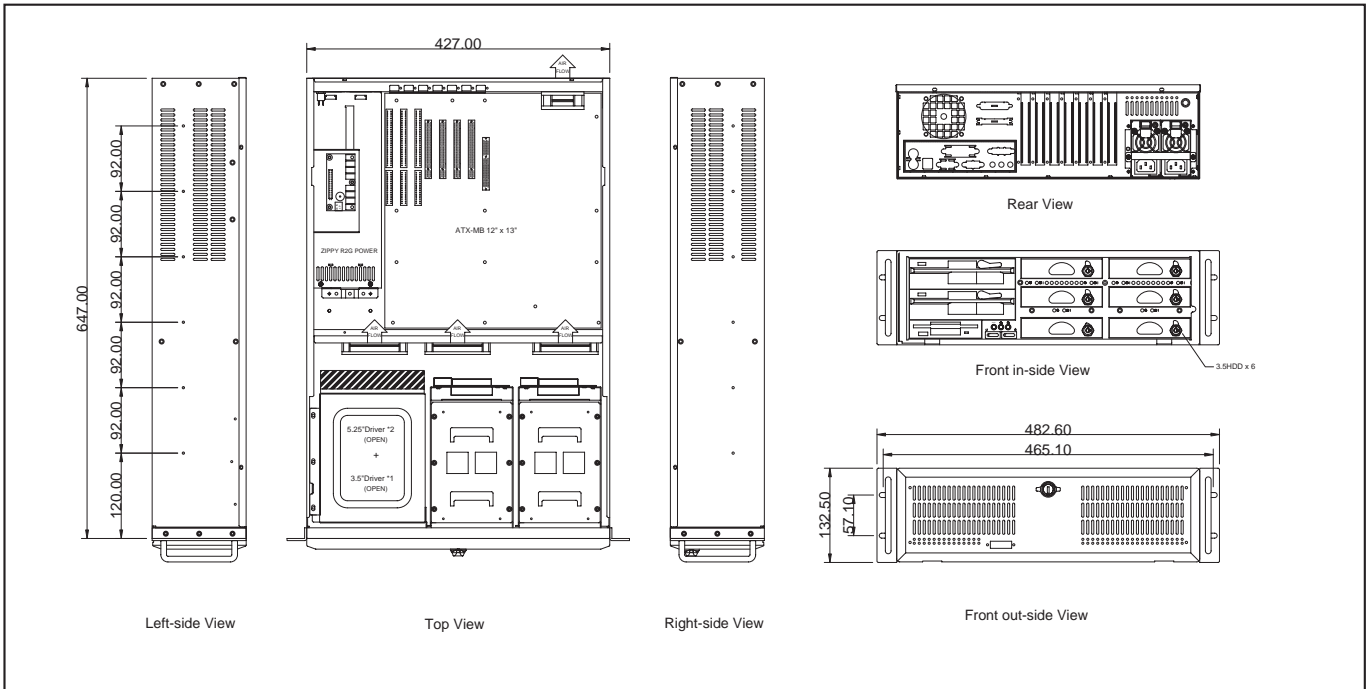
3U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Interface:** P-ATA, SATA, SCSI320 or SAS
- **Drive Capacity:** 2x 5.25" & 1x 3.5" & 6x 3.5" Hot Swappable Trays
- **Power Supply (Optional):** 2U Single up to 650W or 2U Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 3x (92mm = 51CFM ea.) & 1x (60mm = 23.5CFM ea.) Fans
- **Front Door:** Single Door With 1 Thumb Twist Keylock
- **Air Filter:** Inside Front Door (Washable)
- **Expansion Slots:** 7 slot Full Length
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset
- **Dimensions (W x H x D):** 483 x 133 x 650mm (19" x 5.2" x 25.6")
- **Cuft:** 5.3
- **GW:** 13.0kgs / 39.7lbs
- **Carton Size(cm):** 59.4 x 31.0 x 81.8 (23.4" x 12.2" x 32.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-346

3U Rackmount Chassis

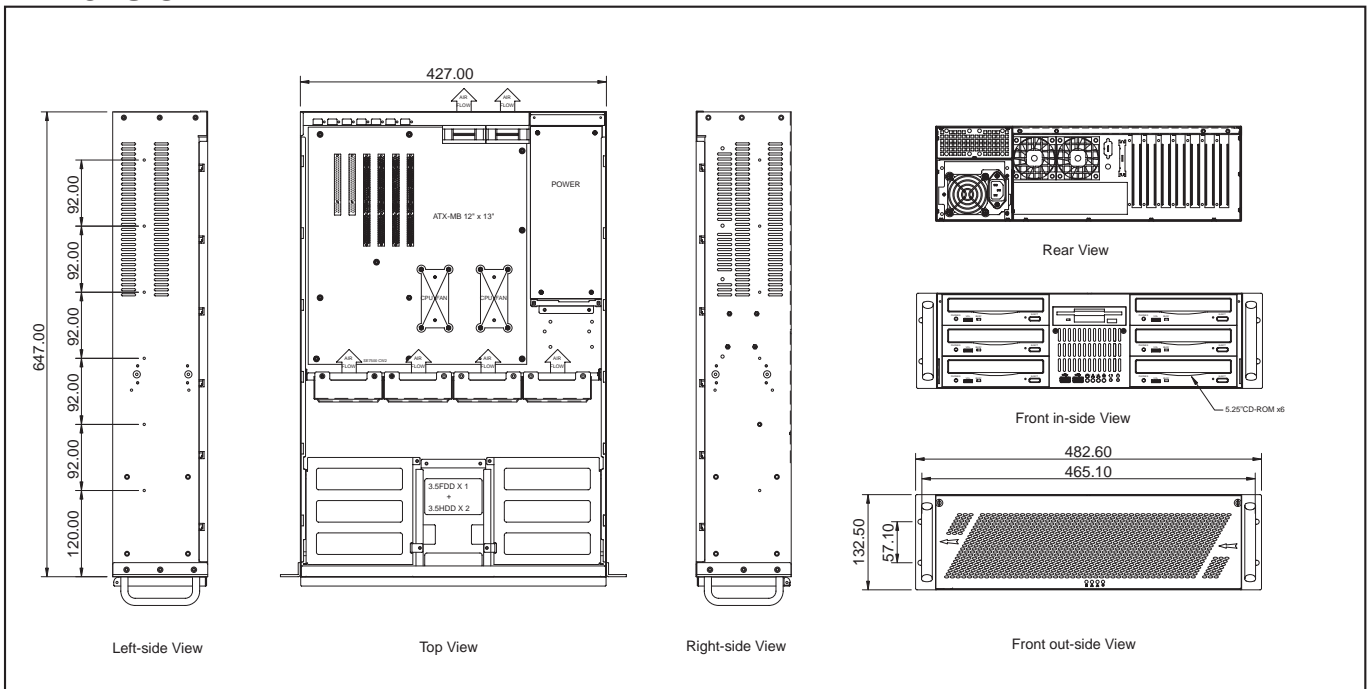


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 6x 5.25" & 1x 3.5" FDD & 2x 3.5" HDD
- **Power Supply (Optional):** 2U Single up to 650W or 2U Redundant up to 500W or 3U Single up to 950W ATX P/S or 3U Redundant up to 650W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (92mm = 51CFM ea.) & 2x (60mm = 23.5CFM ea.) Fans
- **Front Door:** Single Door With 2 Thumbscrews (Removable)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots:** 7 slot Full Length
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, LAN
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 483 x 133 x 650mm (19.0" x 5.2" x 25.6")
- **Cuft:** 5.3
- **GW:** 16.7 kgs / 36.8 lbs
- **Carton Size(cm):** 59.4 x 31.0 x 81.8 (23.4" x 12.2" x 32.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-350

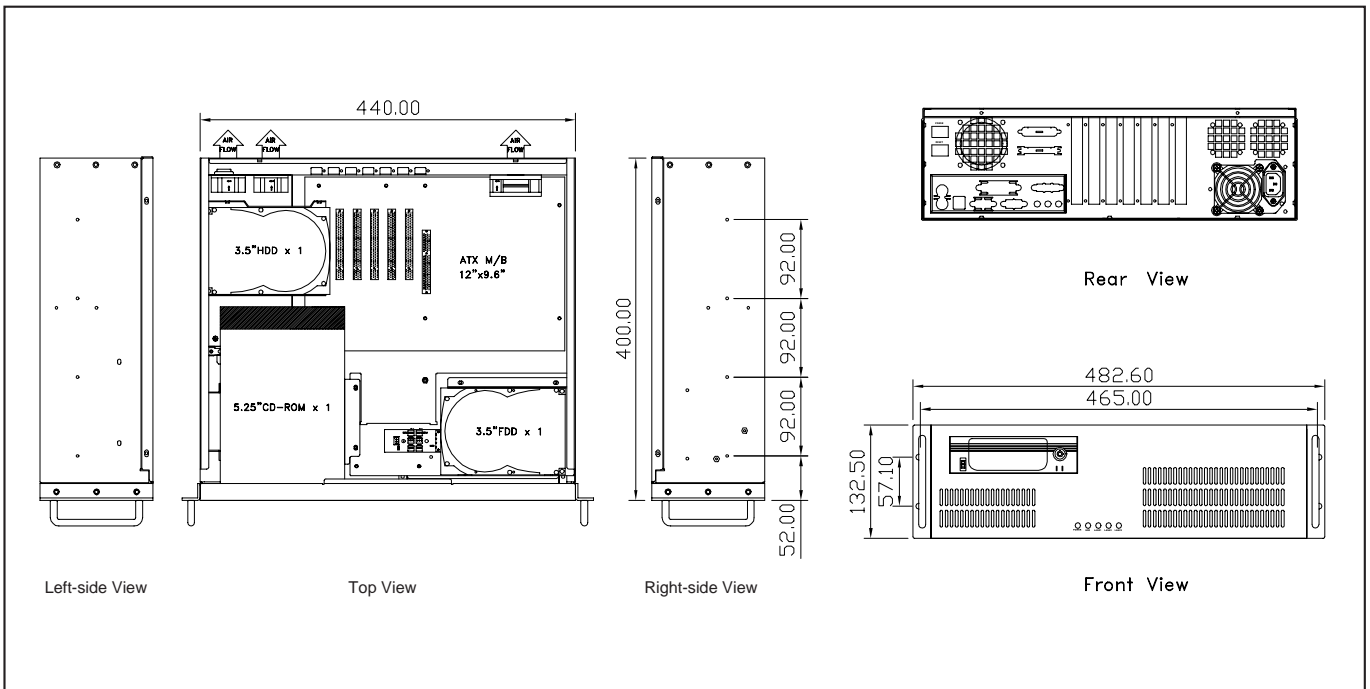
3U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** 1x 5.25" & 2x 3.5" HDD
- **Power Supply(Optional):** 2U Single up to 460W ATX P/S
Max. Depth 270mm
- **Cooling:** 2x (80mm = 42.5CFM ea.) & 2x (40mm = 7CFM ea.) Fans & 1x (60mm 23.5CFM ea.) Fan (Optional)
- **Expansion Slots:** 7 slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, LAN
- **Switch:** Power ON/OFF, System Reset on Rear Side
- **Dimensions (WxHxD):** 483x133x400mm (19" x 5.2" x 15.7")
- **Cuft:** 3.5
- **GW:** 12.5kgs / 27.5lbs
- **Carton Size(cm):** 58.0 x 28.5 x 59.9 (22.8" x 11.2" x 23.6")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-351

3U Rackmount Chassis

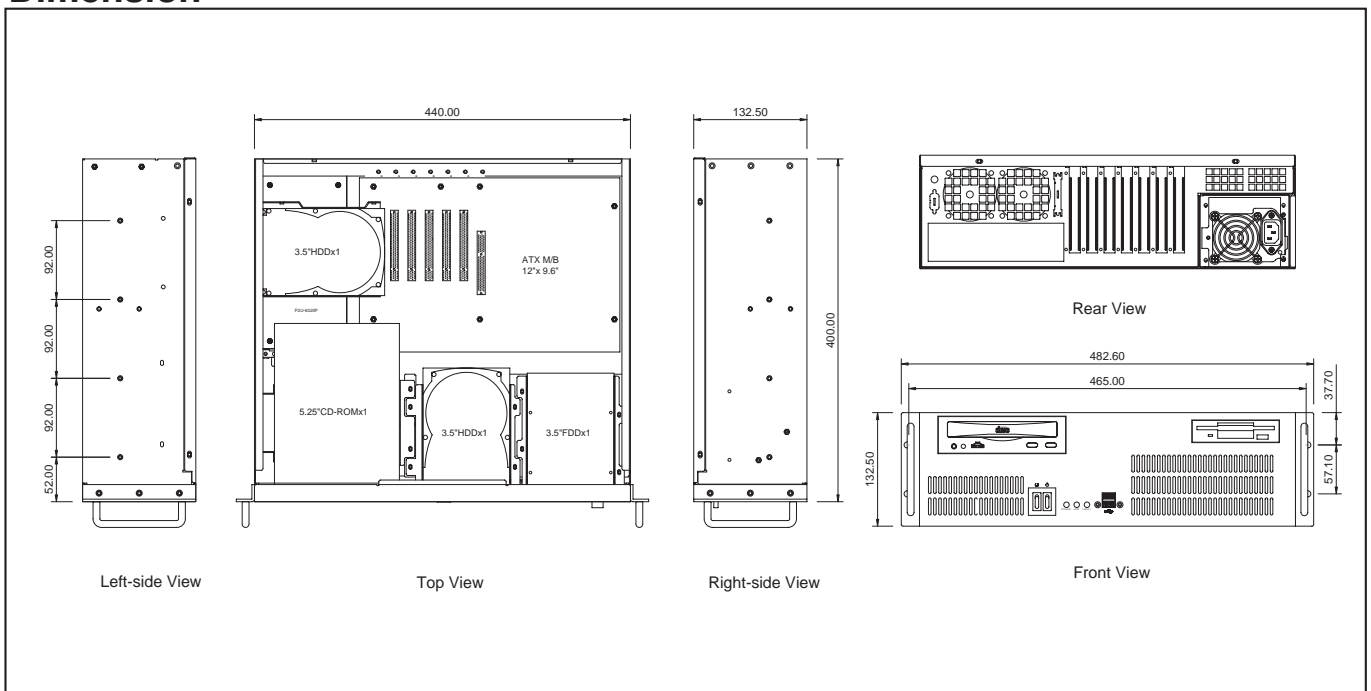


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** 1x 5.25" & 1x 3.5" FDD & 2x 3.5" HDD
- **Power Supply (Optional):** 2U Single up to 650W or 2U Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 2x (80mm = 42.5CFM ea.) & 2x (60mm = 23.5CFM ea.) (Optional) Fans
- **Connector Port (Front):** 2 X USB Ports
- **Expansion Slots:** 7 slot Full Length
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, LAN
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset
- **Dimensions (W x H x D):** 483 x 133 x 400mm (19.0" x 5.2" x 15.8")
- **Cuft:** 3.5
- **GW:** 11.7 kgs / 25.8 lbs
- **Carton Size(cm):** 58.0 x 28.5 x 59.9 (22.8" x 11.2" x 23.6")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-352

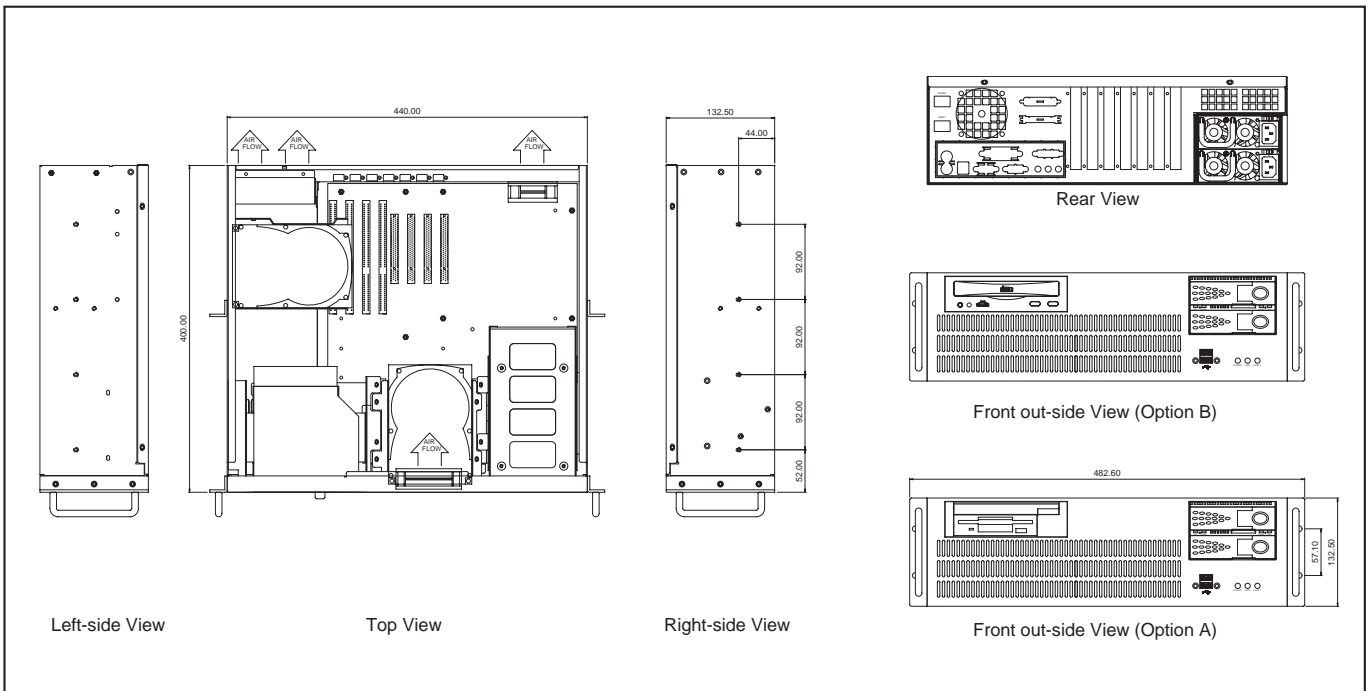
3U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Athlon 64
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** (Option A) 1x Slim CD-ROM & 1x 3.5" FDD & 2x 3.5" Swappable Trays & 1x 3.5" HDD & 1x 3.5" HDD (Optional)
(Option B) 1x 5.25" CD-ROM & 2x 3.5" Swappable Trays & 1x 3.5" HDD & 1x 3.5" HDD (Optional)
- **Power Supply (Optional):** 2U Single up to 600W or 2U Redundant up to 500W (Rear Installation) Max. Depth 300mm
- **Cooling:** 1x (80mm = 42.5CFM ea.) & 2x (40mm = 7CFM ea.) Fans & 1x (60mm = 23.5CFM ea.) Fan (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots:** 7 slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, LAN
- **Switch:** Power ON/OFF, System Reset on Rear Side
- **Dimensions (W x H x D):** 483 x 133 x 400mm (19" x 5.2" x 15.7")
- **Cuft:** 3.5
- **GW:** 12.8 kgs / 28.2 lbs
- **Carton Size (cm):** 58.0 x 28.5 x 59.9 (22.8" x 11.2" x 23.6")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-354

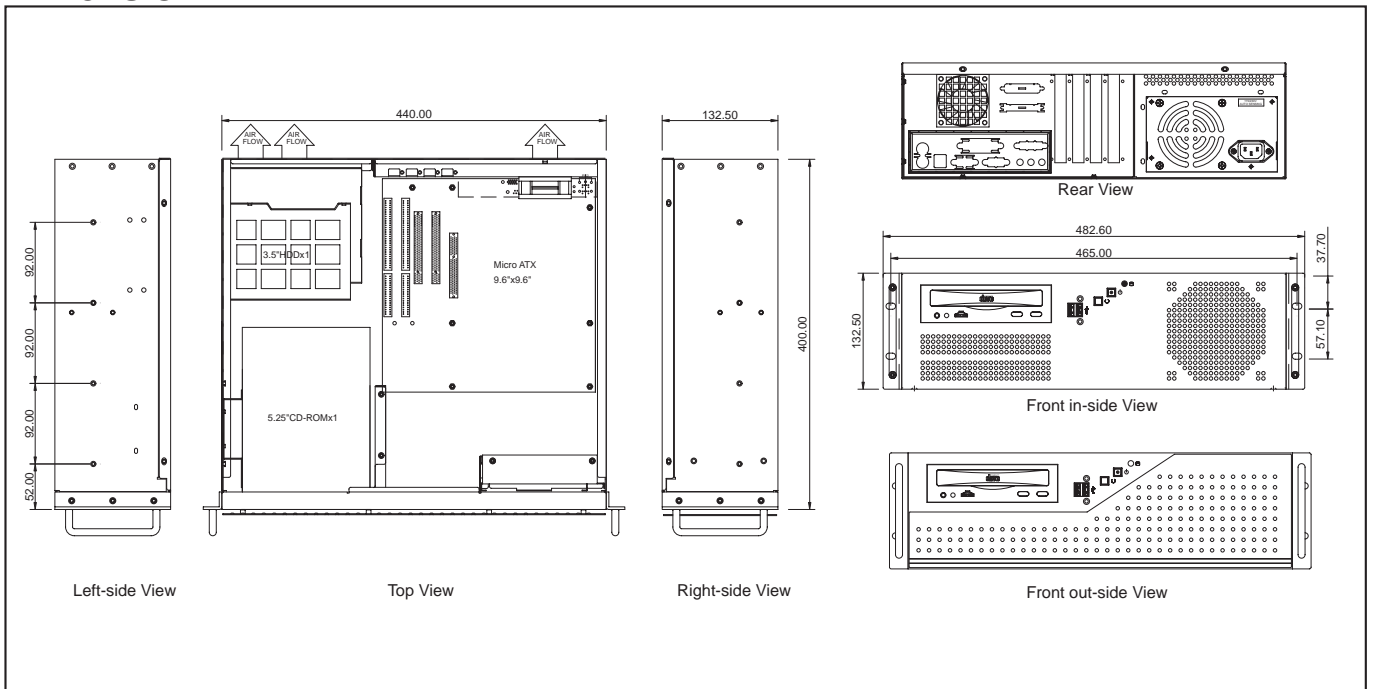
3U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Athlon 64
- **Support Micro ATX (Max. to 9.6" x 9.6")**
- **Drive Capacity:** 1x 5.25" & 2x 3.5" HDD & 1x 3.5" HDD(Optional)
- **Power Supply(Optional):** PS/2 Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 1x (120mm =90CFM ea.) Fan & 1x (60mm =23.5CFM ea.) Fan (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots:** 4 slot
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 483 x 133 x 400mm (19" x 5.2" x 15.7")
- **Cuft:** 3.5
- **GW:** 12.2 kgs / 26.9 lbs
- **Carton Size(cm):** 58.0 x 28.5 x 59.9 (22.8" x 11.2" x 23.6")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-359

3U Rackmount Chassis



GHI-359-1

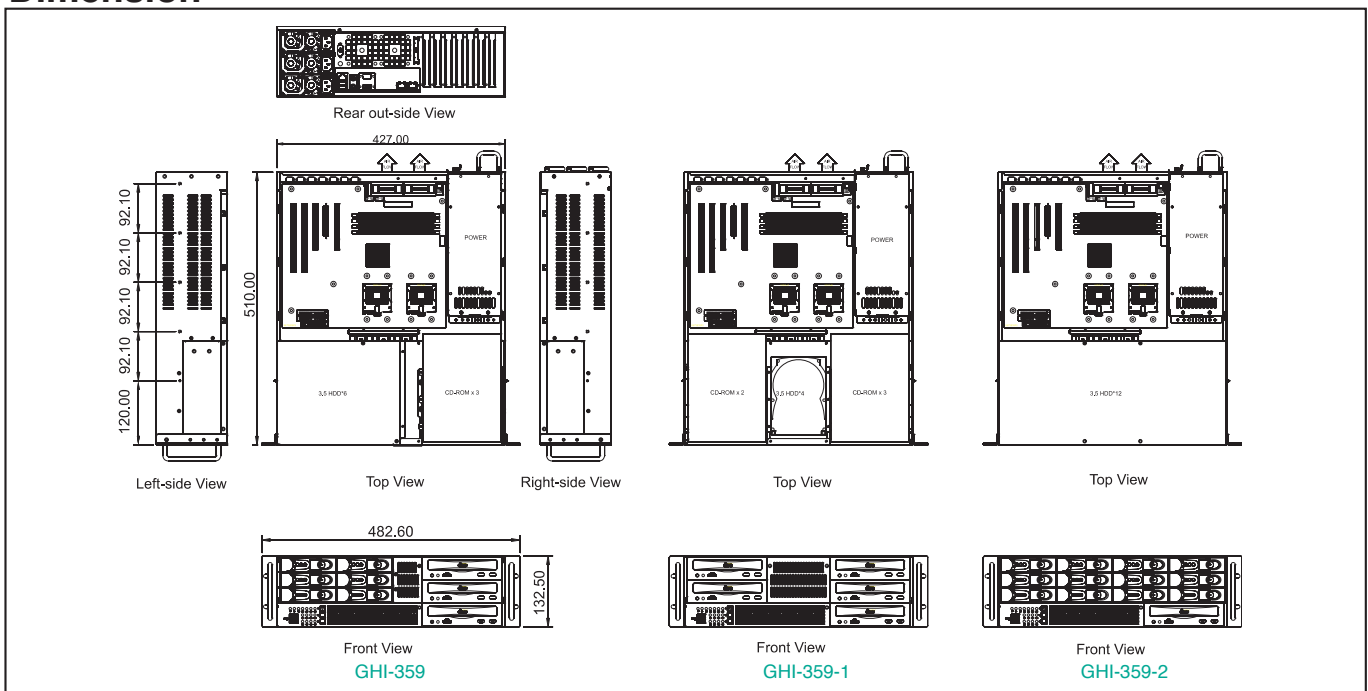


GHI-359-2

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 10.5") SSI EEB 3.0**
- **Drive Capacity:** (GHI-359): 3x 5.25" & 6x 3.5" Swappable Trays
- **Drive Capacity:** (GHI-359-1): 5x 5.25" & 4x 3.5" HDD
- **Drive Capacity:** (GHI-359-2): 1x 5.25" & 12x 3.5" Swappable Trays
- **Drive Interface:** SATA, SCSI320, Multilane SATA or SAS
- **Power Supply(Optional):** 2U Single up to 650W or 2U Redundant up to 500W or 3U Single up to 950W ATX P/S or 3U Redundant up to 650W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 3x(40mm = 15.3CFM ea) & 2x (60mm = 23.5CFM ea.) Fan
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots:** 7 slot full length
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF , HDD Activity, Fan, Temperature, LAN
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (W x H x D):** 483 x 133 x 510mm (19" x 5.2" x 20.1")
- **Cuft:** 4.1
- **GW:** 14.9 kgs / 32.9 lbs
- **Carton Size(cm):** 67.5 x 29.2 x 59.5 (26.6" x 11.5" x 23.4")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-360

3U Rackmount Chassis

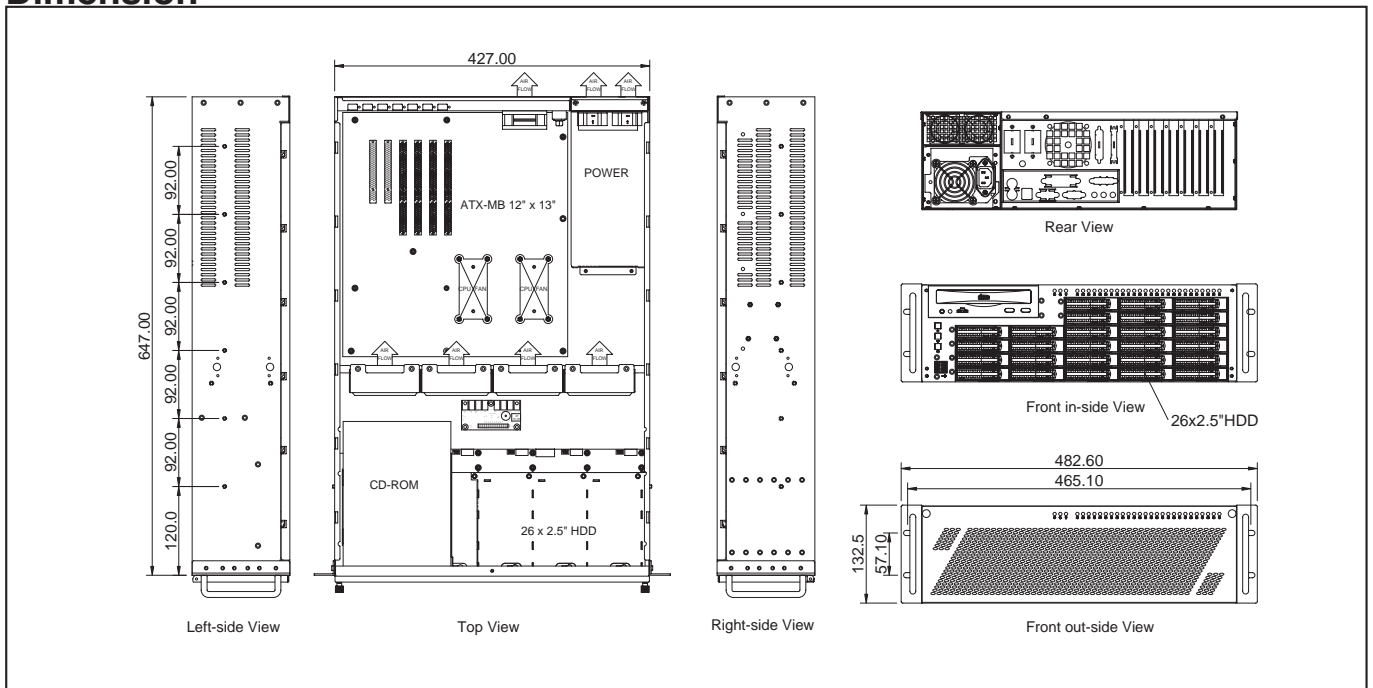


19" Rackmount

Specifications

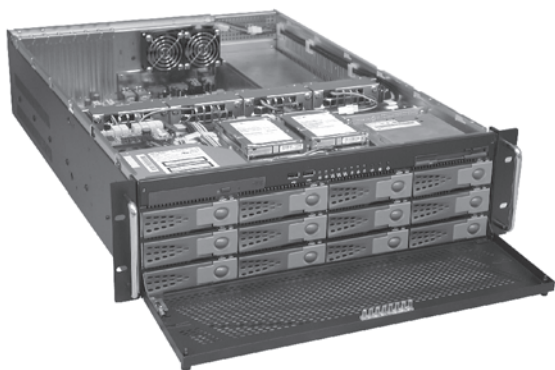
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 26x Hot Swap 2.5" Drive Tray & 1x 5.25" CD-ROM
- **Drive Interface:** SATA, SCSI320 , SAS
- **Power Supply :** 2U Single up to 650W or 2U Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (92mm = 51CFM ea.) & 1x (60mm = 23.5CFM ea.) & 2x (40mm = 15.3CFM ea.) Fans
- **Front Door:** Single Door With 2 Thumbscrews (Removable)
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Power/Access, Fan, Temperature
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (W x H x D):** 483 x 133 x 650mm (19" x 5.2" x 25.6")
- **Cuft:** 5.3
- **GW:** 20.9 kgs / 46.1 lbs
- **Carton Size(cm):** 59.4 x 31 x 81.8 (32.2" x 12.2" x 23.4")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-380

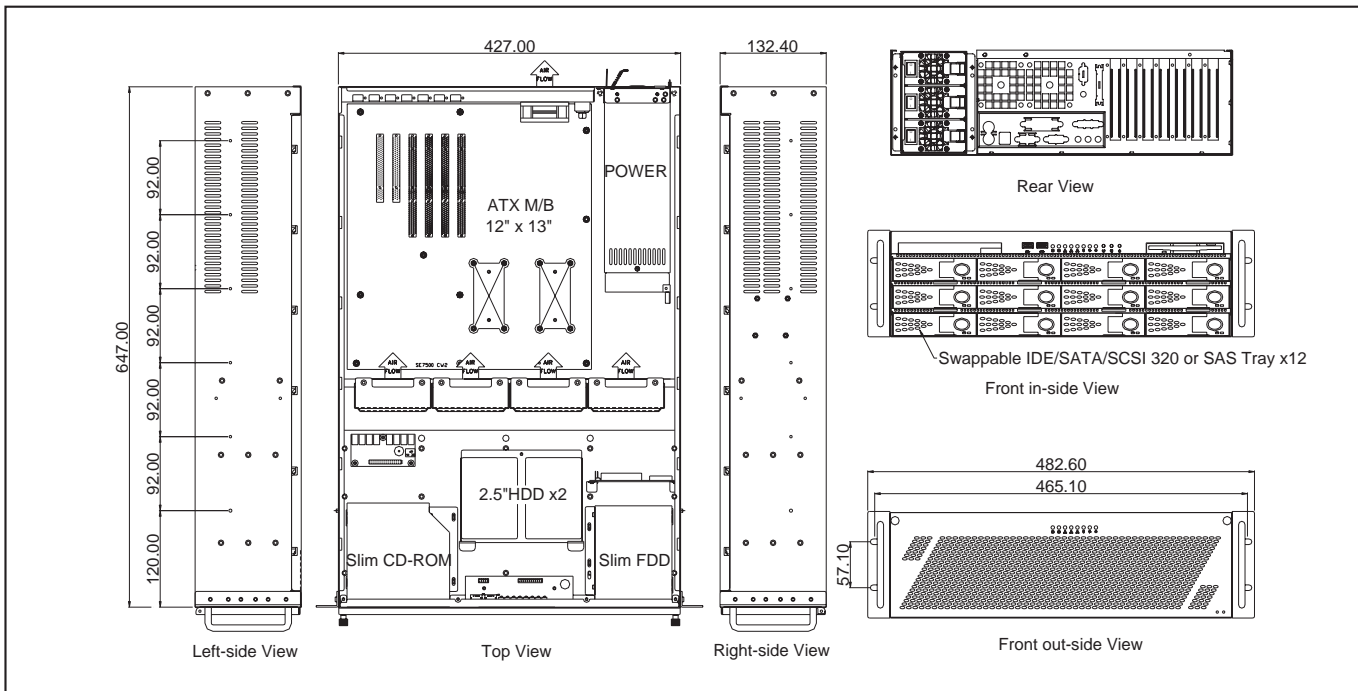
3U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 1xSlim CD-ROM & 1xSlim FDD & 12x 3.5" Swappable Trays & 2x 2.5"HDD & 2x 3.5"HDD (Optional)
- **Drive Interface:** PATA, SATA, SCSI320, Multilane SATA or SAS
- **Power Supply(Optional):** 2U Single up to 650W or 2U Redundant up to 500W or 3U Single up to 950W ATX P/S or 3U Redundant up to 650W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (92mm = 51CFM ea.) & 2x (60mm = 23.5CFM ea.) Fan
- **Front Door:** Single Door with 2 Thumbscrews(Removable)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots:** 7 slot full length
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF , HDD Activity, Fan, Temperature, LAN
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 483x133x650mm(19" x 5.2" x 25.6")
- **Cuft:** 5.3
- **GW:** 22.0kgs / 48.5lbs
- **Carton Size(cm):** 81.8 x 31.0 x 59.4 (32.2" x 12.2" x 23.4")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-381

3U Rackmount Chassis

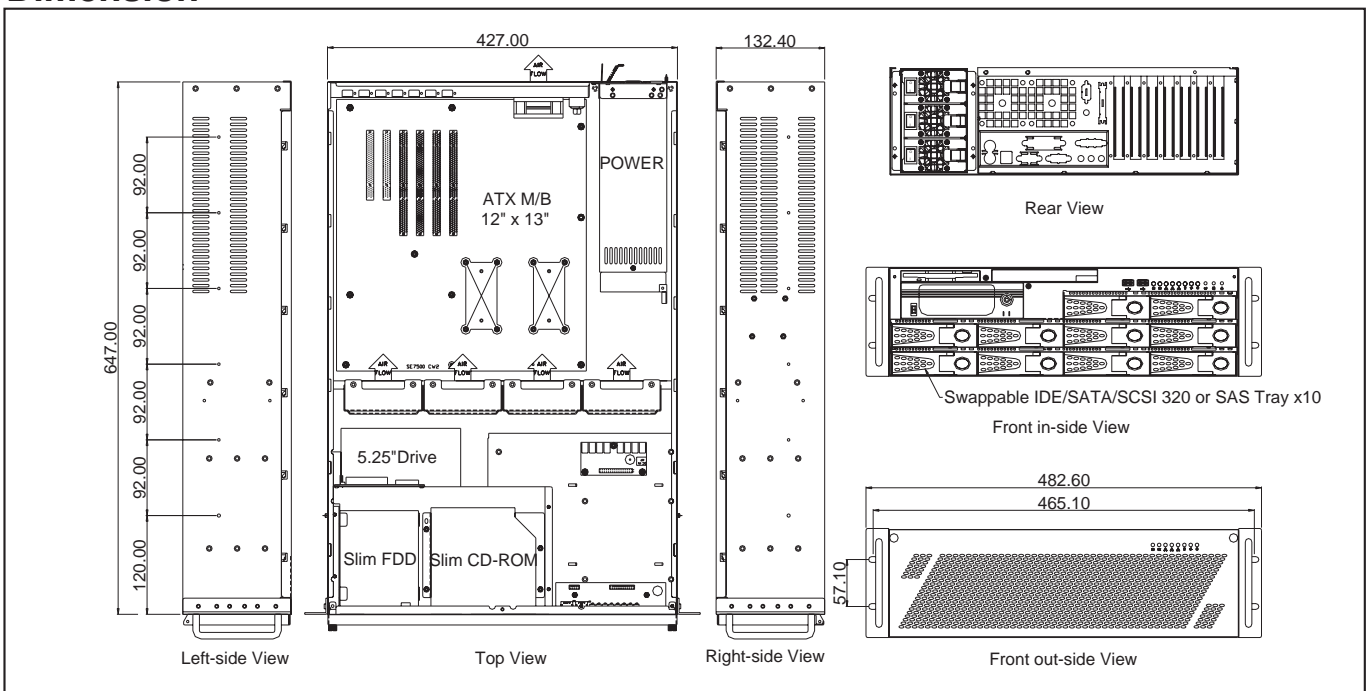


19" Rackmount

Specifications

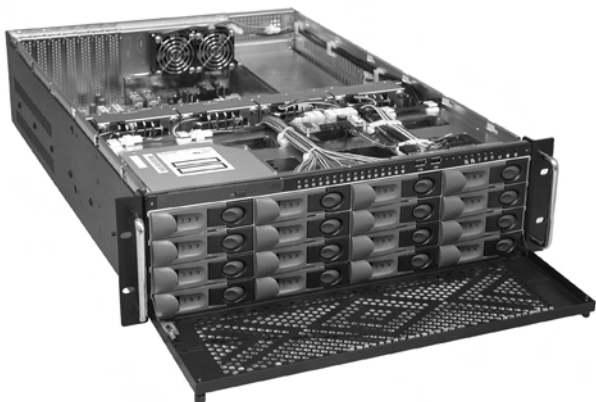
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Dual Opteron, Pentium 4, Dual Pentium III
- **Support EATX M/B(Max. to 12"x13")SSI EEB 3.0**
- **Drive Capacity:** 1x 5.25" & 1x Slim CD-ROM & 1x Slim FDD & 10x 3.5"Swappable Trays
- **Drive Interface:** PATA, SATA, SCSI320, Multilane SATA or SAS
- **Power Supply(Optional):** 2U Single up to 650W or 2U Redundant up to 500W or 3U Single up to 950W ATX P/S or 3U Redundant up to 650W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (92cm = 51CFM ea.) & 2x (60mm = 23.5CFM ea.) Fan
- **Front Door:** Single Door with 2 Thumbscrews(Removable)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots:** 7 slot full length
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature, LAN
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 483x133x650mm(19" x 5.2" x 25.6")
- **Cuft:** 5.3
- **GW:** 22.0kgs / 48.5lbs
- **Carton Size(cm):** 81.8 x 31.0 x 59.4 (32.2" x 12.2" x 23.4")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-390

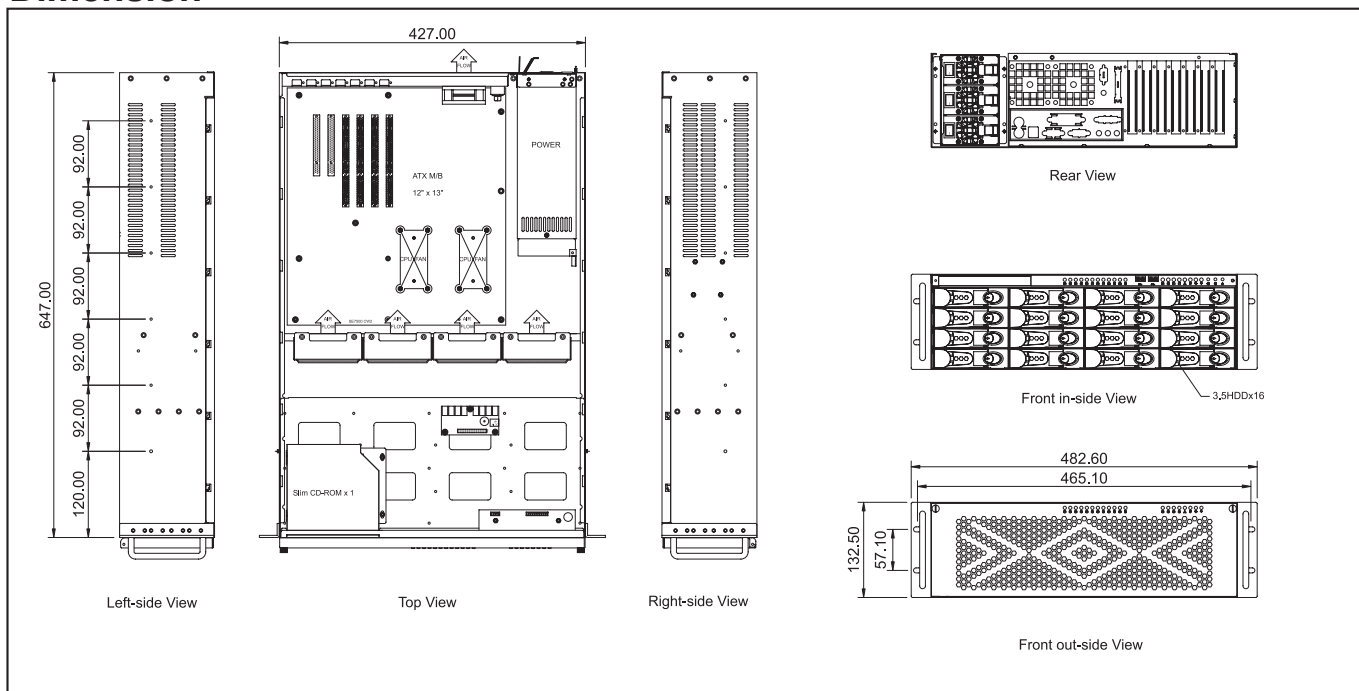
3U Rackmount Chassis



Specifications

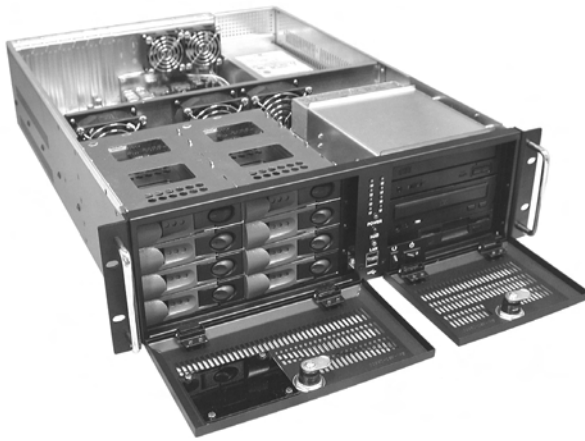
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 1x Slim CD-ROM & 16x 3.5" Swappable Trays
- **Drive Interface:** SATA, SCSI320, Multilane SATA or SAS
- **Power Supply(Optional):** 2U Single up to 650W or 2U Redundant up to 500W or 3U Single up to 950W ATX P/S or 3U Redundant up to 650W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (92mm = 51CFM ea.) & 2x (60mm = 23.5CFM ea.) Fan
- **Front Door:** Single Door with 2 Thumbscrews (Removable)
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots:** 7 Slot Full Length
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF , HDD Activity, Fans, Temperature, LAN
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 483x133x650mm (19" x 5.2" x 25.6")
- **Cuft:** 5.3
- **GW:** 22.0kgs / 48.5lbs
- **Carton Size(cm):** 81.8 x 31.0 x 59.4 (32.2" x 12.2" x 23.4")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-A31

3U Rackmount Chassis

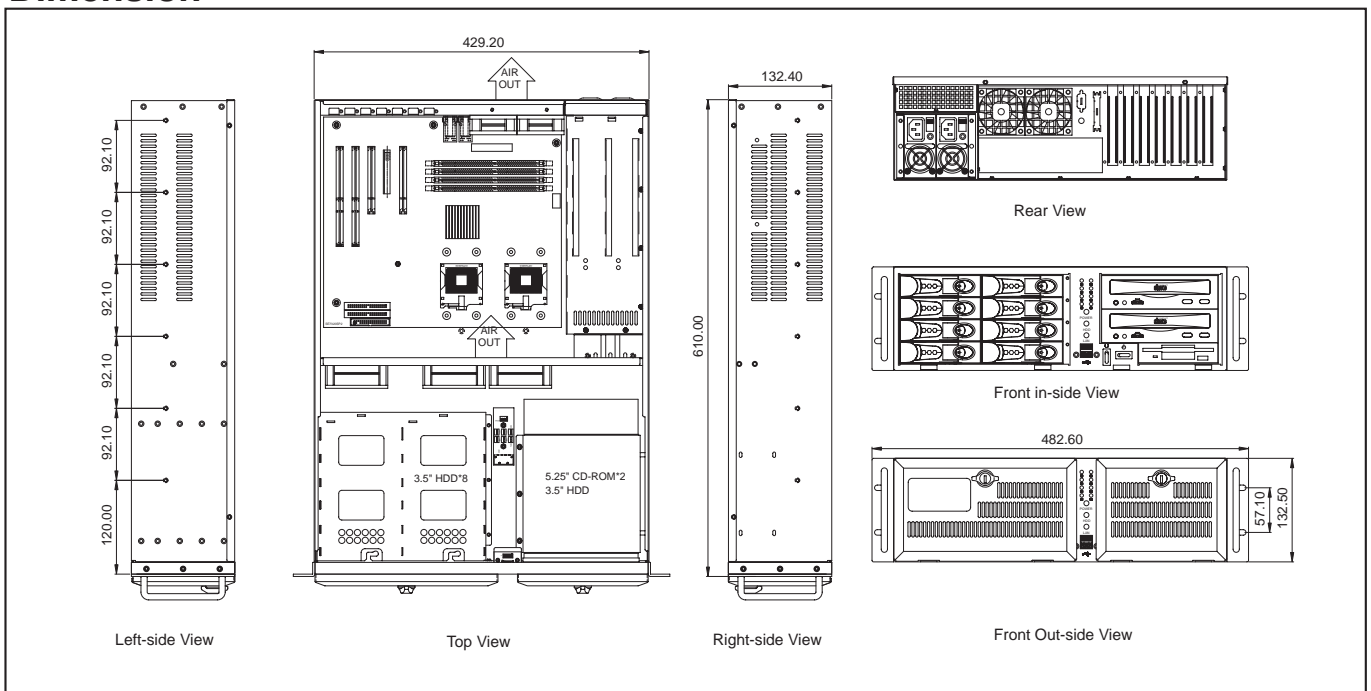


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 2x 5.25" & 1x 3.5" FDD & 8x 3.5" Swappable Trays
- **Drive Interface:** SATA, SCSI320, Multilane SATA or SAS
- **Power Supply(Optional):** 2U Single up to 650W or 2U Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 3x (80mm = 42.5CFM ea) & 2x (60mm = 23.5CFM ea.) Fan
- **Front Door:** 2 Doors With Thumb Twist Keylock
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots:** 7 slot full length
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, LAN
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset
- **Dimensions (W x H x D):** 483 x 133 x 610mm (19" x 5.2" x 24.0")
- **Cuft:** 4.8
- **GW:** 19.1 kgs / 42.1 lbs
- **Carton Size(cm):** 59.5 x 29.2 x 77.5 (23.4" x 11.5" x 30.5")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-A32

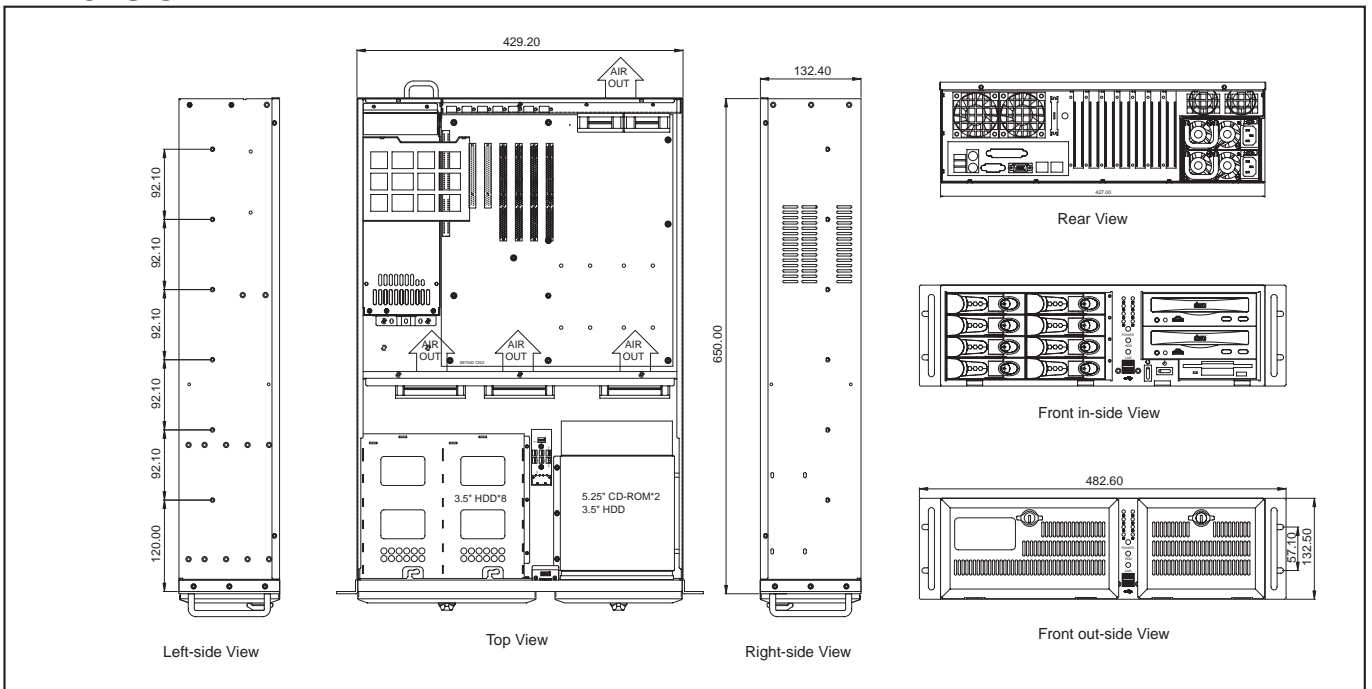
3U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 2x 5.25" & 1x 3.5" FDD & 8x 3.5" Swappable Trays
- **Drive Interface:** PATA, SATA, SCSI320, Multilane SATA or SAS
- **Power Supply(Optional):** 2U Single up to 650W or 2U Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 3x(92mm = 51CFM ea) & 2x (60mm = 23.5CFM ea.) Fan
- **Front Door:** 2 Doors With Thumb Twist Keylock
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots:** 7 slot full length
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, LAN
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset
- **Dimensions (W x H x D):** 483 x 133 x 650mm (19" x 5.2" x 25.6")
- **Cuft:** 5.3
- **GW:** 19.0 kgs / 41.9 lbs
- **Carton Size(cm):** 59.4 x 31.0 x 81.8 (23.4" x 12.2" x 32.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-A38

3U Rackmount Chassis

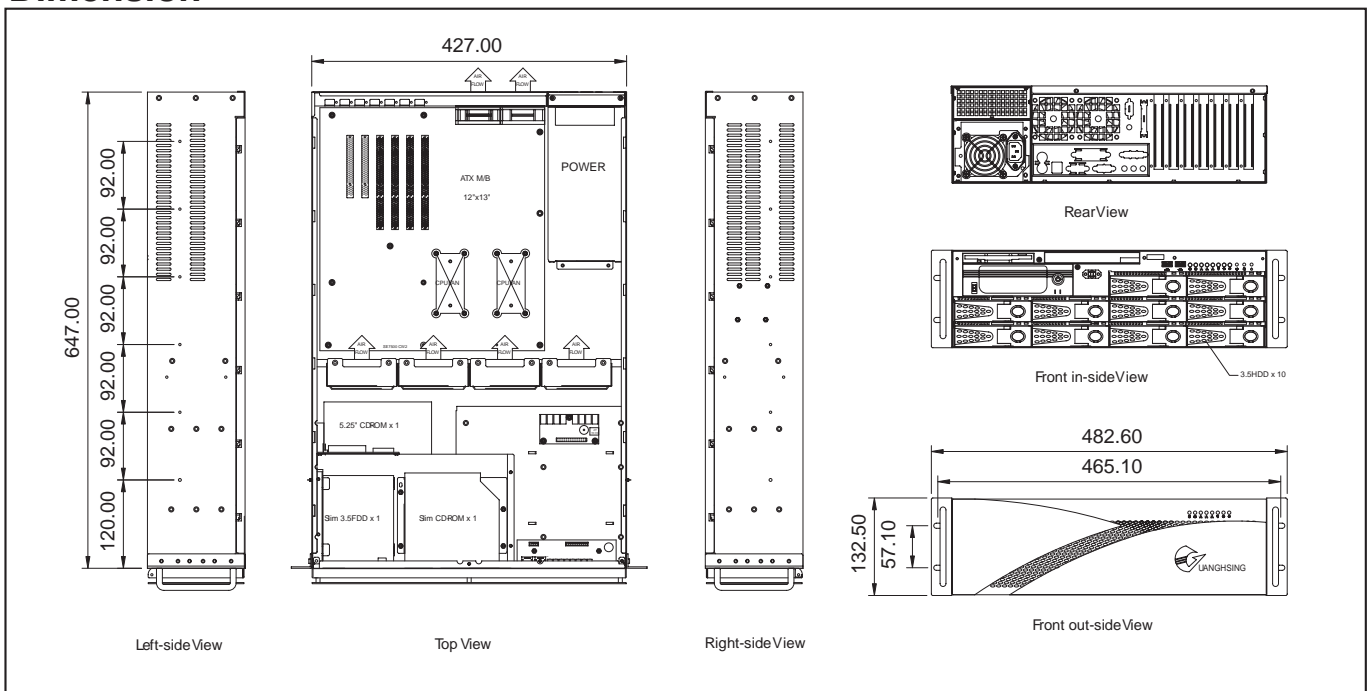


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Dual Opteron, Pentium 4, Dual Pentium III
- **Support EATX M/B(Max. to 12"x13")SSI EEB 3.0**
- **Drive Capacity:** 1x 5.25" & 1x Slim CD-ROM & 1x Slim FDD & 10x 3.5"Swappable Trays
- **Drive Interface:** PATA, SATA, SCSI320 , Multilane SATA or SAS
- **Power Supply(Optional):** 2U Single up to 650W or 2U Redundant up to 500W or 3U Single up to 950W ATX P/S or 3U Redundant up to 650W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (92cm = 51CFM ea.) & 2x (60mm = 23.5CFM ea.) Fan
- **Front Door:** Snap Lock With Extension LED on Door
- **Connector Port (Front):** 2x USB Ports
- **Expansion Slots:** 7 slot full length
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature, LAN
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (W x H x D):** 483 x 133 x 650mm (19" x 5.2" x 25.6")
- **Cuft:** 5.3
- **GW:** 20.5 kgs / 45.2 lbs
- **Carton Size(cm):** 81.8 x 31.0 x 59.4 (32.2" x 12.2" x 23.4")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-M30

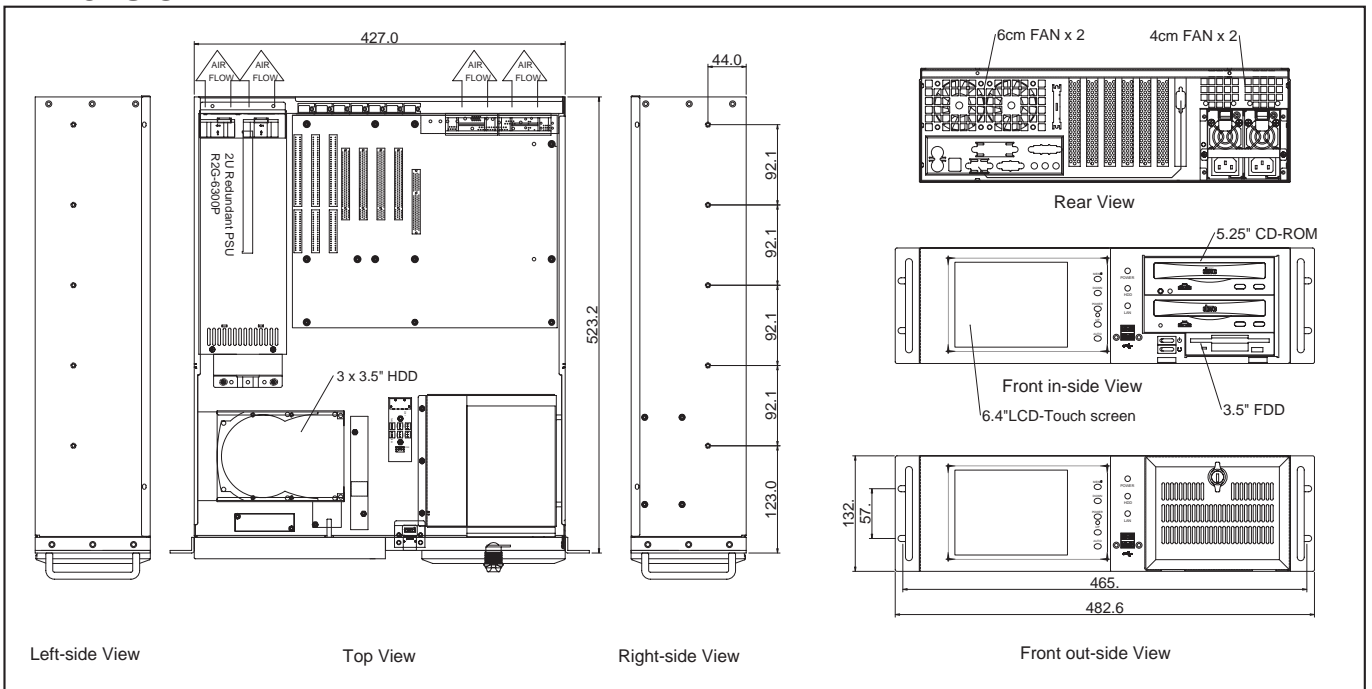
3U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Athlon 64, Dual Xeon, Dual Opteron
- **Support ATX M/B (Max. to 12" x 9.6")**
- **Drive Capacity:** 2x 5.25" CD-ROM & 1x 3.5" FDD & 3x 3.5" HDD
- **Power Supply (Optional):** 2U Single up to 600W or 2U Redundant up to 500W ATX P/S Max. Depth 300mm
- **Cooling:** 2x (60 mm = 23.5CFM ea.) & 2x (40 mm = 7CFM ea.) Fans
- **Front Door:** Single Door With Thumb Twist Keylock
- **Connector Port (Front):** 2x USB Ports
- **LCD Size:** 6.4" 640 x 480 Digital TFT Panel With Touch Screen
- **Display Colors:** 262,144 Colors
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, LAN
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 483 x 133 x 524mm (19.0" x 5.2" x 20.6")
- **Cuft:** 4.2
- **GW:** 15.0 kgs / 33.1 lbs
- **Carton Size(cm):** 58.8 x 28.5 x 70.3 (23.2" x 11.2" x 27.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-400ATX/400S

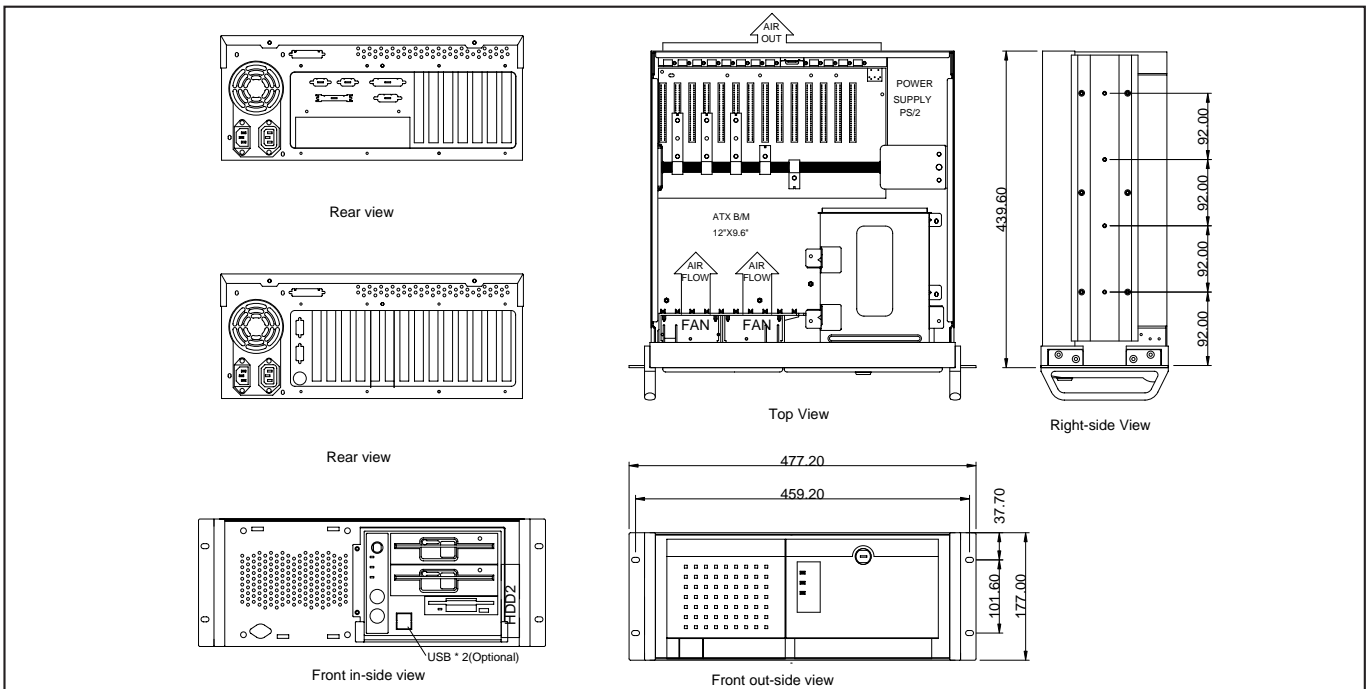
4U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support ATX M/B (Max. to 12" x 9.6") (400ATX)**
- **Support 14-slot Passive Backplane (400S)**
- **Drive Capacity:** 2x 5.25" & 1x 3.5" & 1x 3.5" HDD
- **Power Supply (Optional):** PS/2 Size Single up to 700W ATX P/S (Rear Installation) Max. Depth 200mm
- **Cooling:** 2x (80mm = 42.5CFM ea.) Fans
- **Front Door:** Drive Panel Door with Keylock
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port (Front):** 1xPS/2 for GH-400S & 2x USB (Optional) Ports
- **Expansion Slots:** 7 slot (400ATX) or 14 Slot (400S)
- **Indicators:** LED for Power ON/OFF, HDD Activity
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset
- **Dimensions (WxHxD):** 483x177x439mm (19" x 7.0" x 17.3")
- **Cuft:** 4.4
- **GW:** 16.0kgs / 35.2lbs
- **Carton Size(cm):** 61.8 x 34 x 59 (24.3" x 13.4" x 23.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-402ATXR/402SR

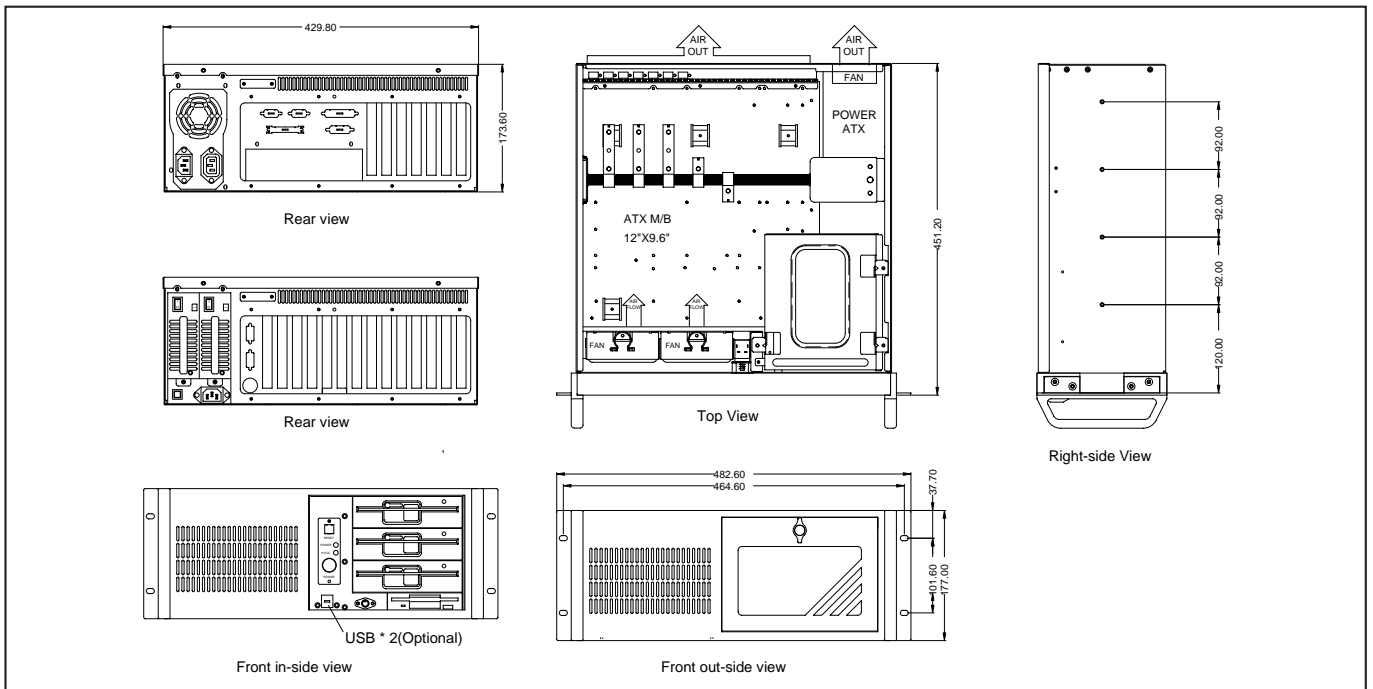
4U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support ATX M/B (Max. to 12" x 9.6") (402ATXR)**
- **Support 14/15-slot Passive Backplane (402SR)**
- **Drive Capacity:** 3x 5.25" & 1x 3.5"
- **Power Supply (Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S(Rear Installation) Max. Depth 200mm
- **Cooling:** 2x (92mm = 51CFM ea.) Hot Swap Fans
- **Front Door:** Drive Panel Door With Keylock
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port (Front):** 1xPS/2 for GH-402SR & 2x USB (Optional) Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, Momentary(Pushbutton),System Reset
- **Flexible Hold Down Bar Designed**
- **Dimensions (WxHxD):** 483x177x451mm (19" x 7.0" x 17.8")
- **Cuft:** 4.4
- **GW:** 17.0kgs / 37.5lbs
- **Carton Size(cm):** 61.8 x 34.0 x 59.0 (24.3" x 13.4" x 23.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-403ATXR/403SR

4U Rackmount Chassis

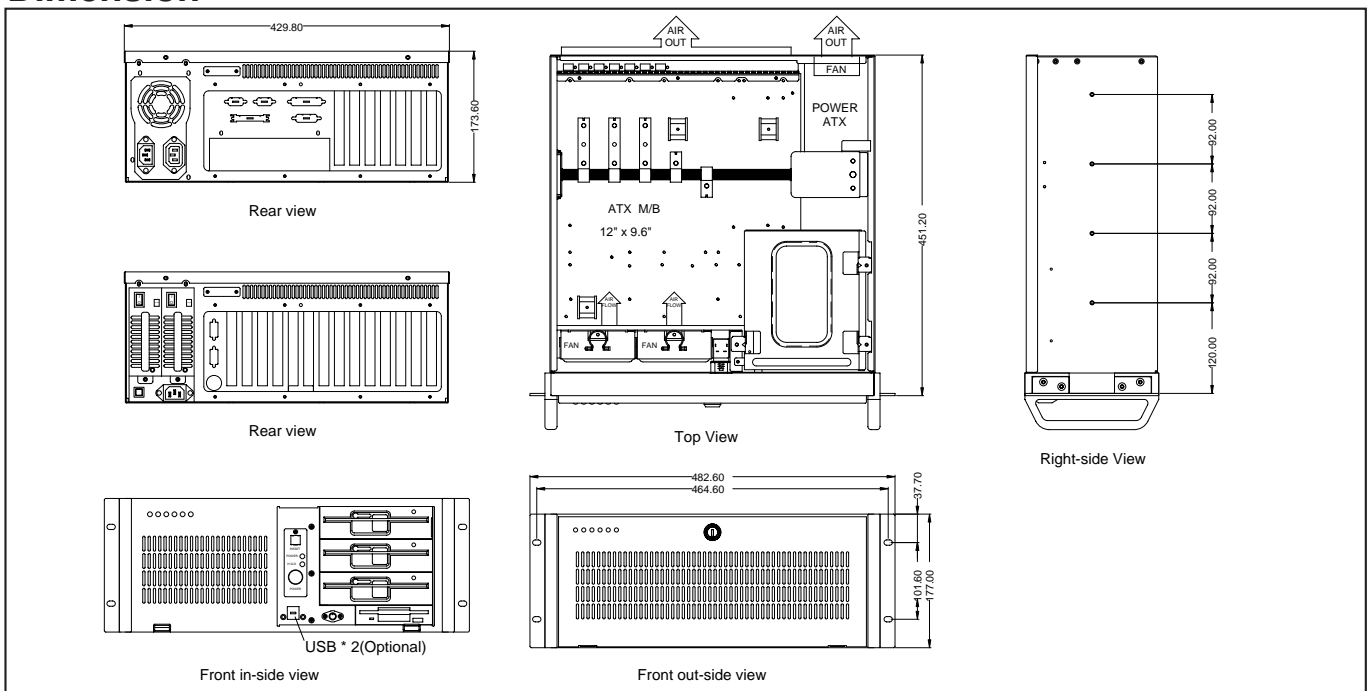


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support ATX M/B (Max. to 12" x 9.6") (403ATXR)**
- **Support 14/15-slot Passive Backplane (403SR)**
- **Drive Capacity:** 3x 5.25" & 1x 3.5"
- **Power Supply (Optional):** PS/2 Size Single up to 700W ATX or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 200mm
- **Cooling:** 2x (92mm = 51CFM ea.) Hot Swap Fans
- **Front Door:** Single Door with 1 Thumb Twist keylock
- **Air Filter:** Inside Front Door (Washable)
- **Connector Port (Front):** 1xPS/2 for GH-403SR & 2x USB (Optional) Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF, Momentary(Pushbutton), System Reset
- **Dimensions (WxHxD):** 483x177x451mm (19.0" x 7.0" x 17.8")
- **Cuft:** 4.4
- **GW:** 17.0kgs / 37.5lbs
- **Carton Size(cm):** 61.8 x 34.0 x 59.0 (24.3" x 13.4" x 23.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-404

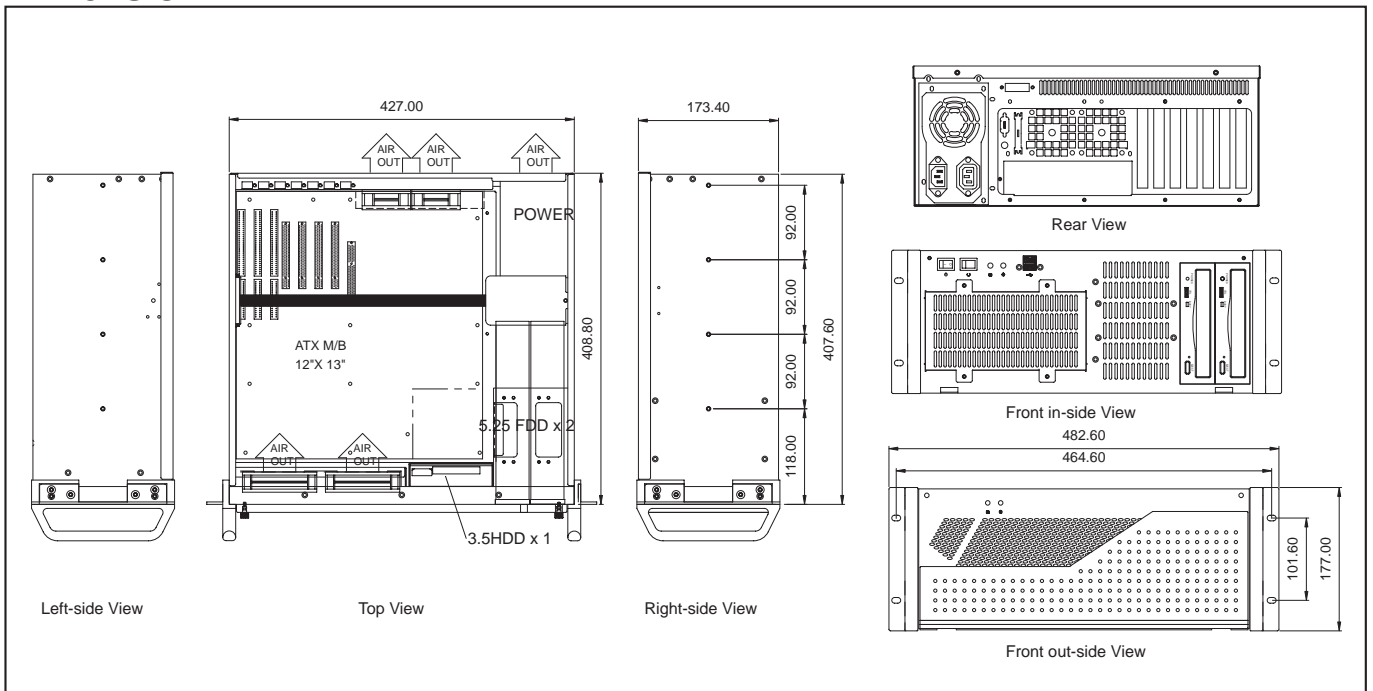
4U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 2x 5.25"CD-ROM & 1x 3.5" HDD (Hidden)
- **Power Supply (Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 2x(90mm = 51CFM ea.) Fans & 2x(60mm = 23.5CFM ea.) Fans (Optional)
- **Front Door:** Single Door With 2 Thumbscrews
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port (Front):** 2xUSB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF , System Reset
- **Dimensions (W x D x H):** 483 x 177 x 408mm (19" x 7.0" x 16.1")
- **Cuft:** 4.2
- **GW:** 14.9 kgs / 32.9 lbs
- **Carton Size(cm):** 59.1 x 34.0 x 59.1 (23.3" x 13.4" x 23.3")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-410ATXR/410SR

4U Rackmount Chassis

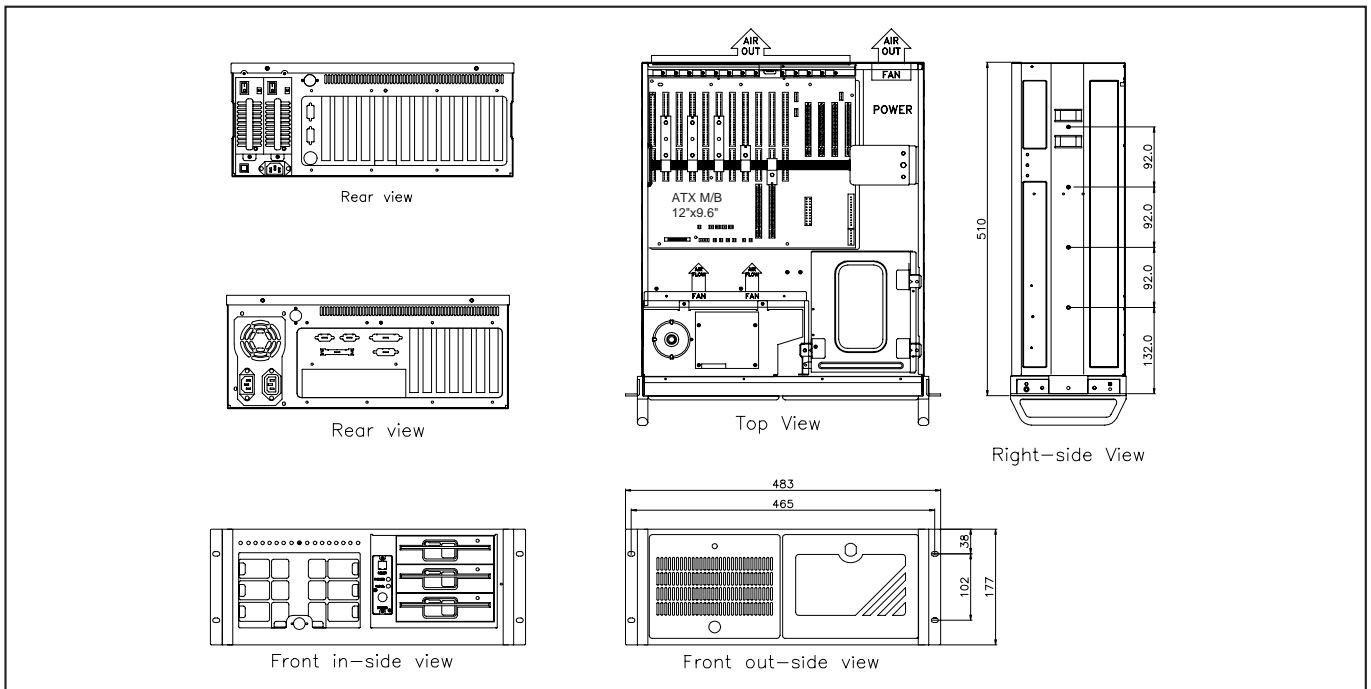


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support ATX M/B(Max. to 12" x 9.6") (410ATXR)**
- **Support 14/15-slot Passive Backplane (410SR)**
- **Drive Capacity:** 3x 5.25" & 1x 3.5"HDD & 1x 3.5"HDD (Optional)
- **Power Supply (Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 200mm
- **Front Door:** Drive Panel Door With Keylock
- **Connector Port (Front):** 1xPS/2 Port for GH-410SR, 2/1 USB Ports(Optional) on Control Panel
- **Air Filter:** Inside Front Panel (Washable)
- **Cooling:** 1x (120mm = 108CFM ea.) Fan, (One Optional Opening for Extra 120mm Fan)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset
- **Dimensions (WxHxD):** 483x177x510mm (19" x 7.0" x 20.1")
- **Cuft:** 4.9
- **GW:** 18.0kgs / 39.7lbs
- **Carton Size(cm):** 59.1 x 34.0 x 68.8 (23.3" x 13.4" x 27.1")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-411ATXR/411SR

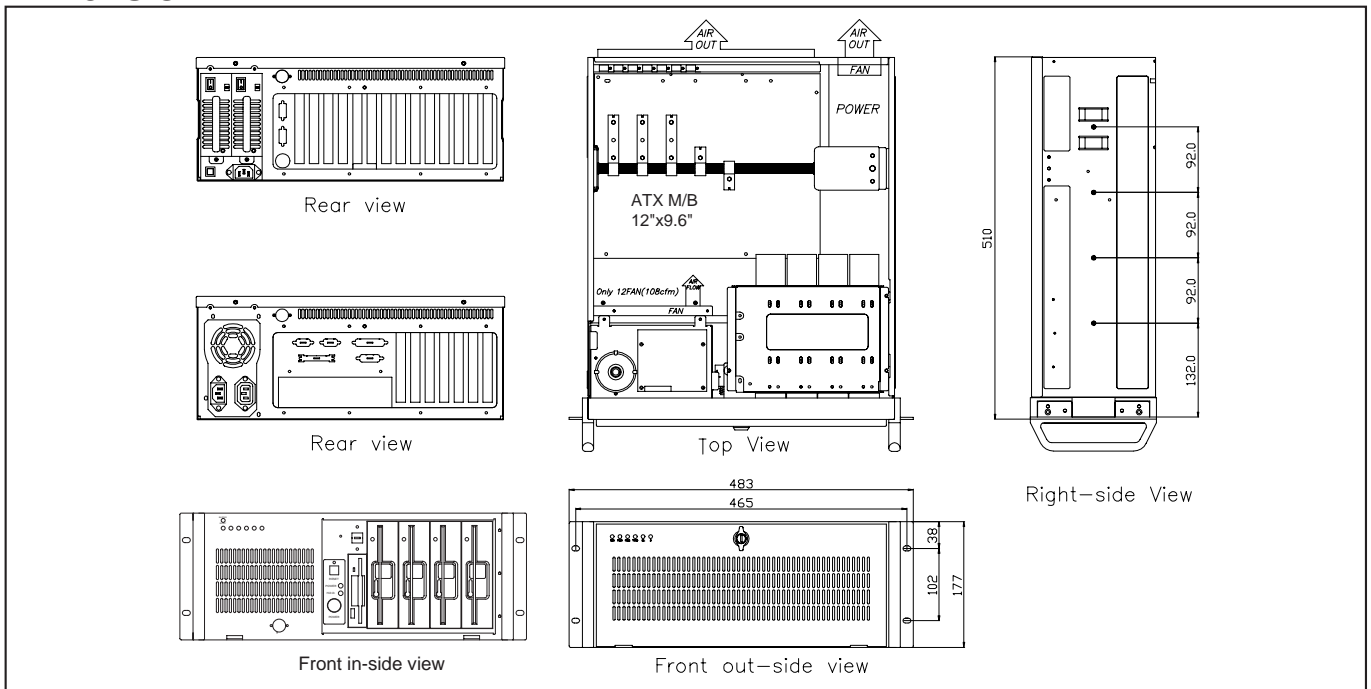
4U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support ATX M/B (Max. to 12" x 9.6") (411ATXR)**
- **Support 14/15-slot Passive Backplane(411SR)**
- **Drive Capacity:** 4x 5.25" & 1x 3.5"(Vertical) & 1x 3.5"HDD (Optional)
- **Power Supply(Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 200mm
- **Connector Port (Front):** 1 x PS/2 Port for GH-411SR & 2 x USB(Optional) Ports
- **Cooling:** 1x (120mm = 108CFM ea.) Fan
- **Front Door:** Single Door with 1 Thumb Twist Keylock
- **Air Filter:** Inside Front Door (Washable)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset
- **Dimensions(WxHxD):** 483x177x510mm(19" x 7.0" x 20.1")
- **Cuft:** 4.9
- **GW:** 18.0kgs / 39.7lbs
- **Carton Size(cm):** 59.1 x 34.0 x 68.8 (23.3" x 13.4" x 27.1")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-414ATXR/414SR

4U Rackmount Chassis

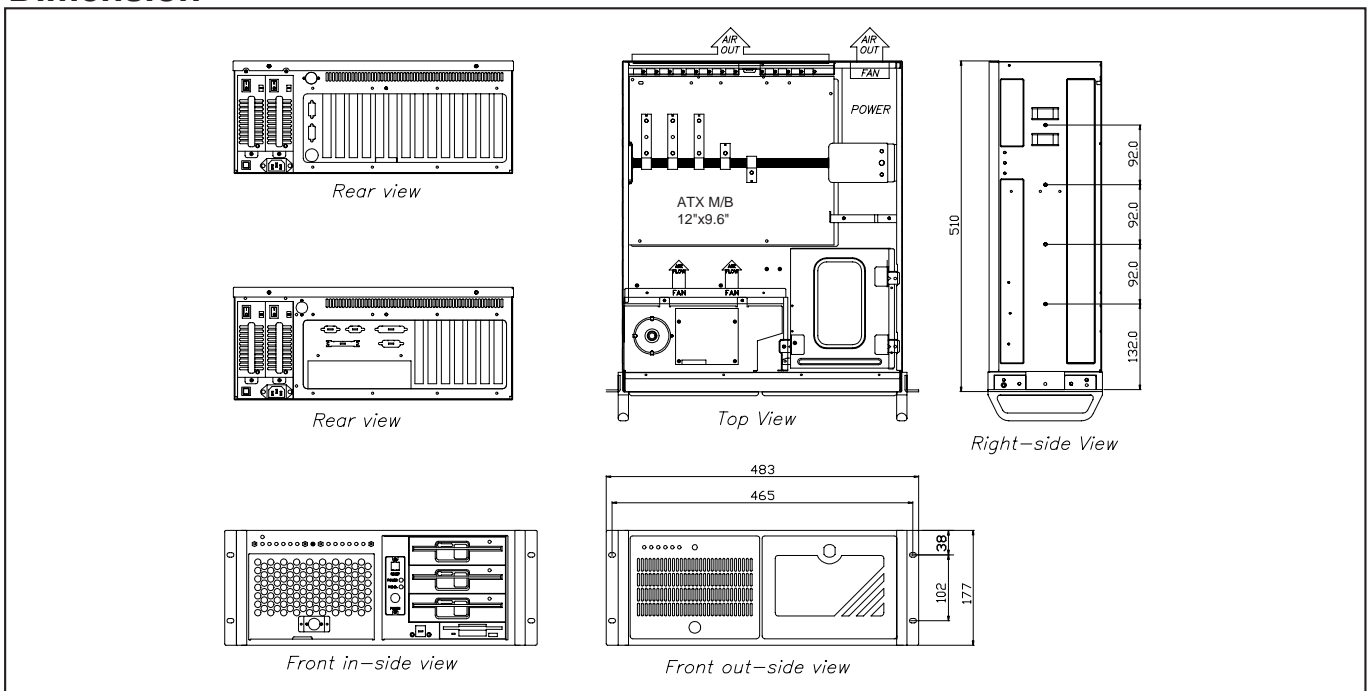
19" Rackmount



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support ATX M/B(Max. to 12"x9.6")(414ATXR)**
- **Support 14/15-slot Passive Backplane(414SR)**
- **Drive Capacity:** 3x5.25" & 1x3.5" & 1x3.5"HDD(Optional)
- **Power Supply(Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 220mm
- **Cooling:** 1x (120mm = 108CFM ea.) Fan (One Optional Opening for Extra 120mm Fan)
- **Front Door:** Two Doors With Keylock and Thumbscrew
- **Air Filter:** Inside Front Door (Washable)
- **Connector Port (Front):** 1xPS/2 for GH-414SR & 2x USB (Optional) Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset
- **Dimensions(WxHxD):** 483x177x510mm(19"x7.0"x20.1")
- **Cuft:** 4.9
- **GW:** 18.0kgs / 39.7lbs
- **Carton Size(cm):** 59.1x34.0x68.8 (23.3"x13.4"x27.1")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-415ATXR/415SR

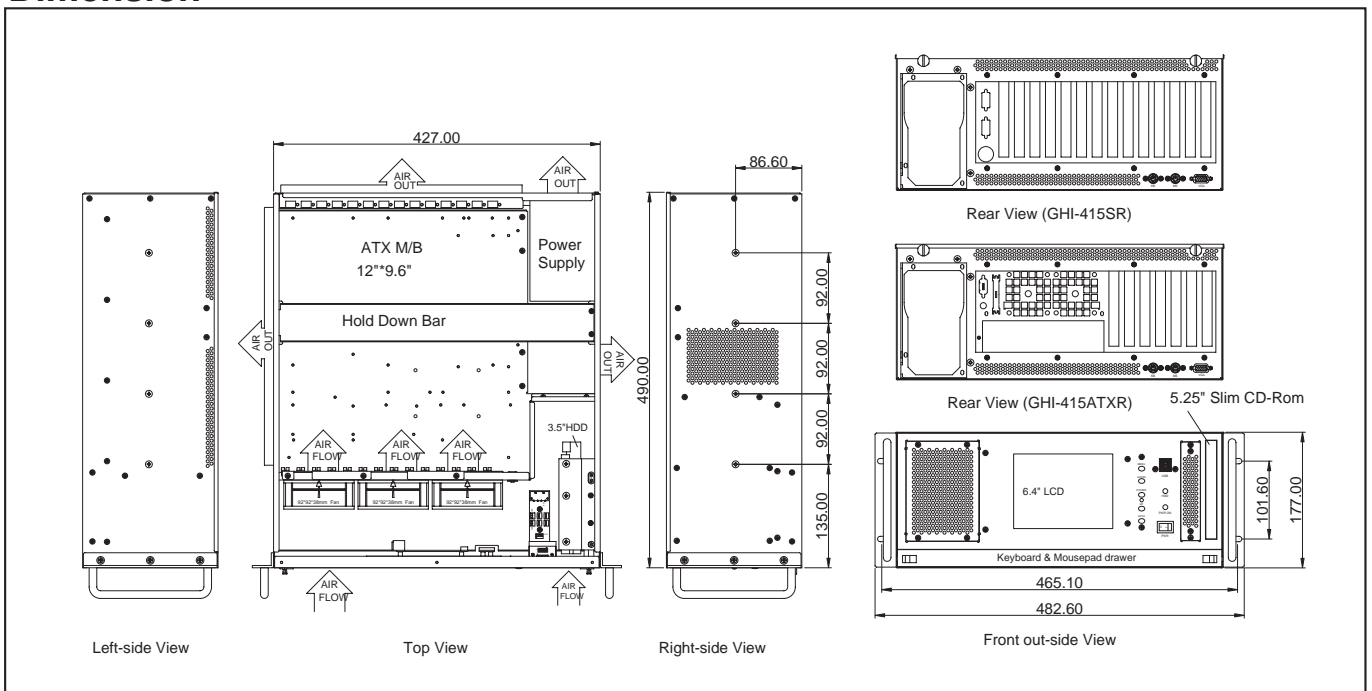
4U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Athlon 64, Dual Xeon, Dual Opteron
- **Support 14/15-Slot Passive Backplane**
- **Drive Capacity:** 1x 5.25" Slim CD-ROM & 1x 3.5" HDD
- **Power Supply (Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 220mm
- **Cooling:** 3x (92 mm = 51.0CFM ea.) Fans & 2x(6cm) Fans(23.5CFM ea.)(Optional for ATX M/B)
- **Keyboard:** 83/84 Key With Integrated Track Ball+2 Mouse Buttons
- **Connector Port (Front):** 2x USB Ports
- **Air Filter:** Inside Front Panel (Washable)
- **LCD Size:** 6.4" TFT With 640*480 Resolution, 230cd/m2
- **Display Colors:** 262,144 Colors
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF, Brightness, Contrast, Menu
- **Dimensions (W x H x D):** 483 x 177 x 490mm (19.0" x 7.0" x 19.3")
- **Cuft:** 4.7
- **GW:** 20.0 kgs / 44.1 lbs
- **Carton Size(cm):** 59.1 x 34.0 x 66.8 (23.3" x 13.4" x 26.3")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-416ATXR/416SR

4U Rackmount Chassis

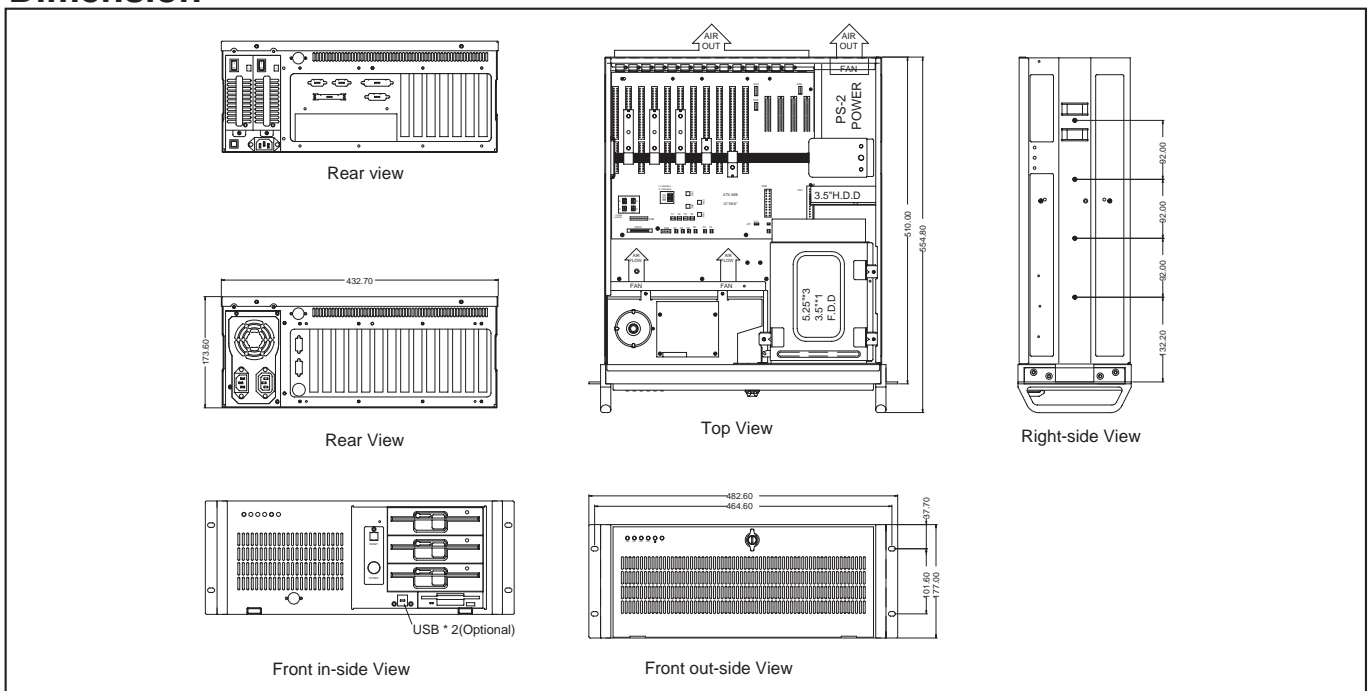
19" Rackmount



Specifications

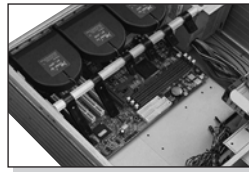
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support ATX M/B (Max. to 12" x 9.6") (416ATXR)**
- **Support 14/15-slot Passive Backplane (416SR)**
- **Drive Capacity:** 3x 5.25" & 1x 3.5" & 1x 3.5"HDD (Optional)
- **Power Supply (Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 220mm
- **Connector Port (Front):** 1xPS/2 for GH-416SR & 2x USB (Optional) Ports
- **Cooling:** 1x (120mm = 108CFM ea.) Fans, (One Optional Opening for Extra 120mm Fan)
- **Front Door:** Single Door with 1 Thumb Twist Keylock
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Pushbutton), SystemReset
- **Dimensions(WxHxD):** 483x177x510mm(19" x 7.0" x 20.1")
- **Cuft:** 4.9
- **GW:** 18.0kgs / 39.7lbs
- **Carton Size(cm):** 59.1x34.0x68.8 (23.3" x 13.4" x 27.1")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-418ATXR/418SR

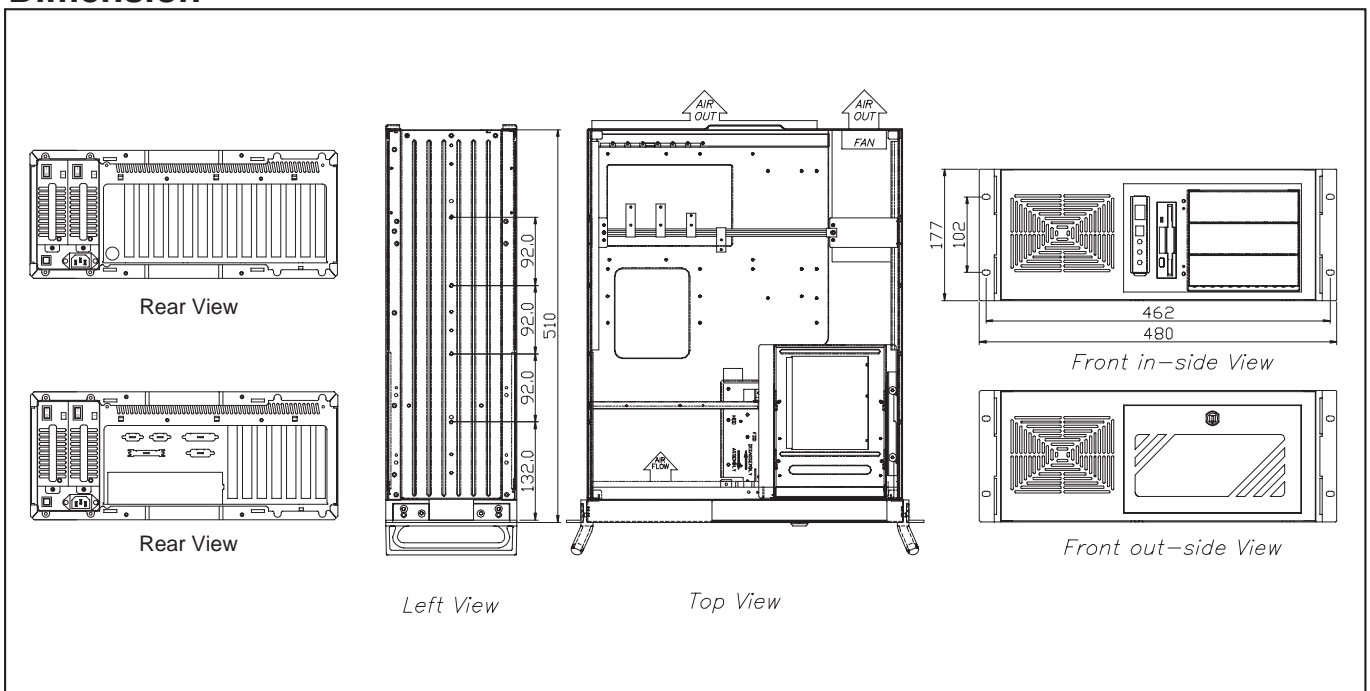
4U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support ATX M/B (Max. to 12" x 9.6") (418ATXR)**
- **Support 14/15-slot Passive Backplane (418SR)**
- **Drive Capacity:** 3x 5.25" & 1x 3.5" & 2x 3.5" HDD
- **Power Supply (Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 220mm
- **Cooling:** 1x (120mm = 90CFM ea.) Fan & 3x (90mm = 32 CFM ea.) Optional Blower (GHA-F418)
- **Front Door:** Drive Panel Door With Keylock
- **Air Filter:** Inside Front Door (Washable)
- **Indicators:** LEDs for Power, HDD Activity
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF/ON/OFF Momentary (Pushbutton), System Reset
- **Dimensions(WxHxD):** 483x177x510mm(19" x 7.0" x 20.1")
- **Cuft:** 3.8
- **GW:** 17.0kgs / 37.5lbs
- **Carton Size(cm):** 54.0 x 30.0 x 66.0 (21.3" x 11.8" x 26.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-419ATXR/419SR

4U Rackmount Chassis

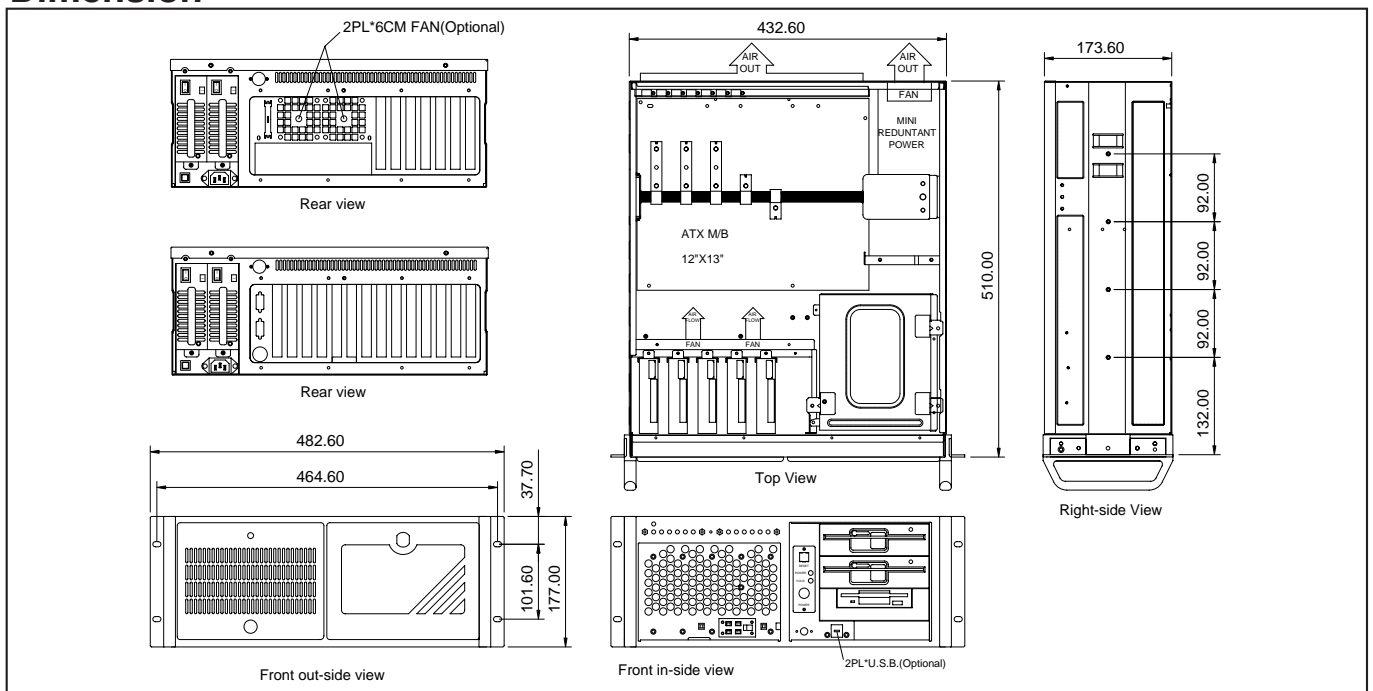


19" Rackmount

Specifications

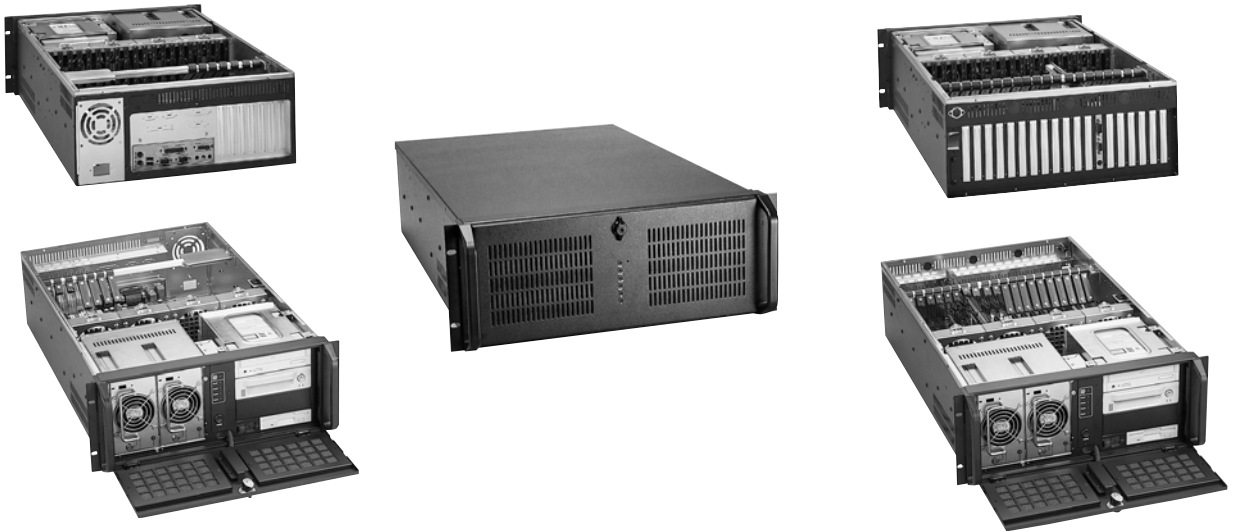
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Support 14/15-slot Passive Backplane (GHI-419SR)**
- **Drive Capacity:** 2x 5.25" & 1x 3.5" & 5x 3.5" HDD & 1x 3.5"HDD (Optional)
- **Power Supply (Optional):** PS/2 Size Single up to 700W or Redundant up to 500W ATX P/S(Rear Installation)Max. Depth 300mm
- **Cooling:** 2x(9cm) Fans(51CFM ea.) & 2x(6cm) Fans(23.5CFM ea.)(Optional)
- **Connector Port (Front):** 1xPS/2 for GH-419SR & 2x USB (Optional) Ports
- **Front Door:** Two Doors with Keylock and Thumbscrew
- **Air Filter:** Inside Front Door (Washable)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset
- **Dimensions(WxHxD):** 483x177x510mm(19" x 7.0" x 20.1")
- **Cuft:** 4.9
- **GW:** 19.0kgs / 41.8lbs
- **Carton Size(cm):** 68.8 x 34.0 x 59.1 (27.1" x 13.4" x 23.3")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-430ATXR/430SR

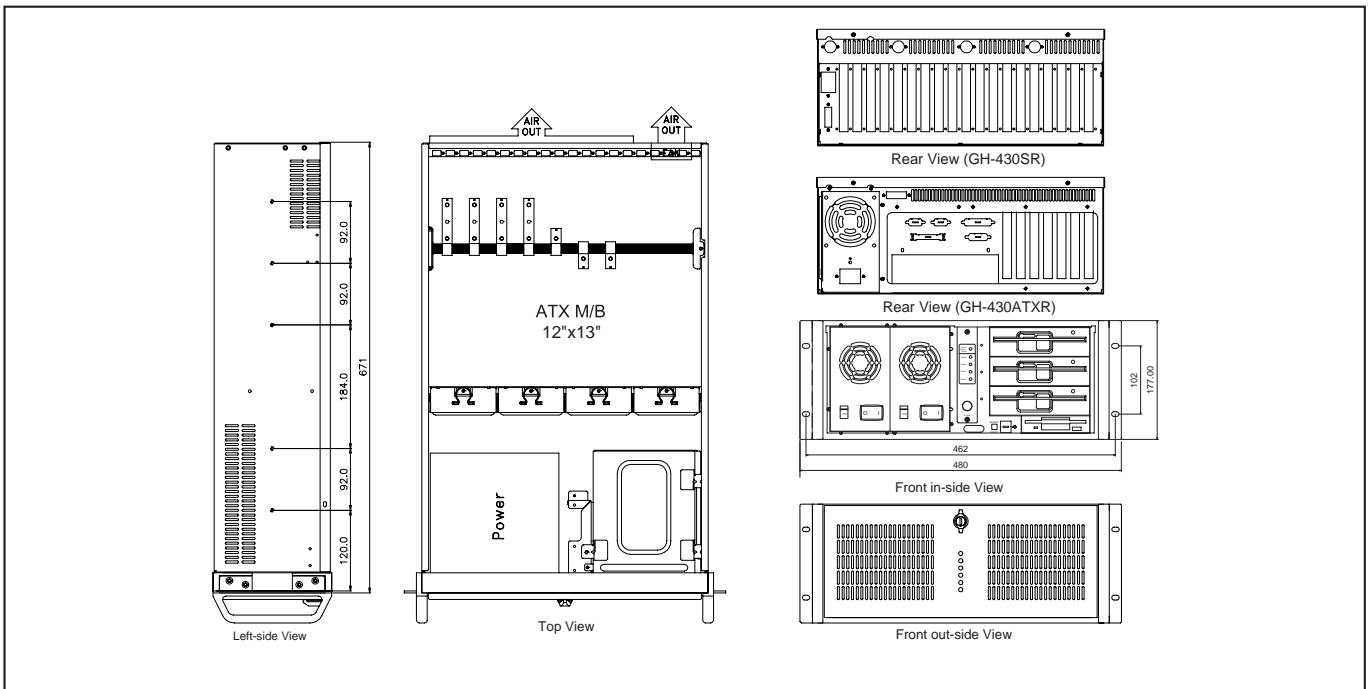
4U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") (430ATXR)**
- **Support 19-slot Passive Backplane (430SR)**
- **Drive Capacity:** 3x 5.25" & 1x 3.5" & 2x 3.5"HDD (Optional)
- **Power Supply (Optional):** GH-430ATXR: PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 200mm
GH-430SR: Vertical Full Size Redundant P/S up to 460W ATX P/S (Front Installation) Max. Depth 200mm
- **Cooling:** Hot Swappable 4x (92mm = 51CFM ea.) Fans & 1x (80mm = 42.5CFM ea.) Fans (430ATXR-Optional)
- **Front Door:** Single Door With 1 Thumb Twist Keylock
- **Connector Port (Front):** 2x USB Ports (Optional)
- **Air Filter:** Inside Front Door (Washable)
- **Thermal Management Card:** GHA-CO03 (Optional)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset
- **Dimensions (W x H x D):** 483 x 177 x 671mm (19" x 7.0" x 26.4")
- **Cuft:** 5.8
- **GW:** 21.0 kgs / 46.3 lbs
- **Carton Size(cm):** 85.4 x 33.6 x 57.6 (33.6" x 13.2" x 22.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-431ATXR/431SR

4U Rackmount Chassis

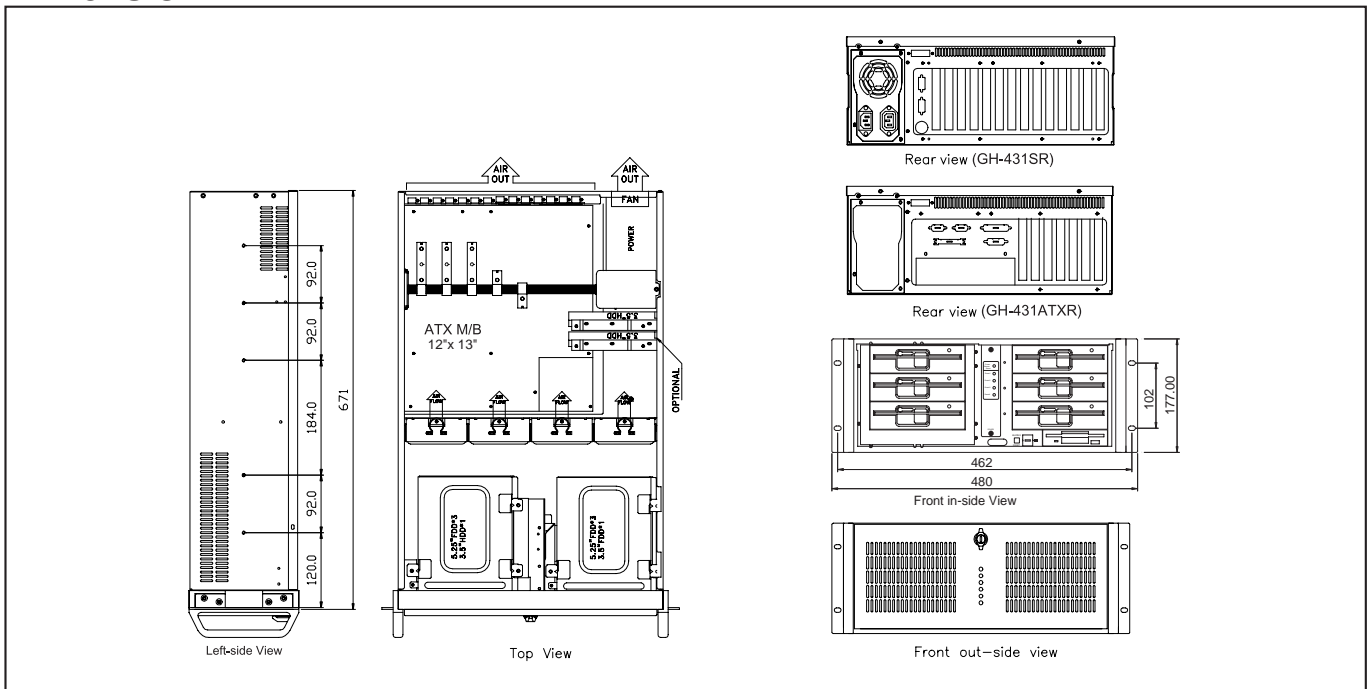
19" Rackmount



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") (431ATXR)**
- **Support 14/15-slot Passive Backplane (431SR)**
- **Drive Capacity:** 6x 5.25" & 1x 3.5" & 1x 3.5" HDD & 2x 3.5" HDD (Optional)
- **Power Supply (Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 200mm
- **Cooling:** Hot Swappable 4x (92mm = 51CFM ea.) Fans
- **Front Door:** Single Door with 1 Thumb Twist Keylock
- **Connector Port (Front):** 2x USB Ports (Optional)
- **Air Filter:** Inside Front Door (Washable)
- **Thermal Management Card:** GHA-CO03 (Optional)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset
- **Dimensions(WxHxD):** 483x177x671mm(19" x 7.0" x 26.4")
- **Cuft:** 5.8
- **GW:** 21.0kgs / 46.3lbs
- **Carton Size(cm):** 85.4 x 33.6 x 57.6 (33.6" x 13.2" x 22.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-432ATXR/432SR

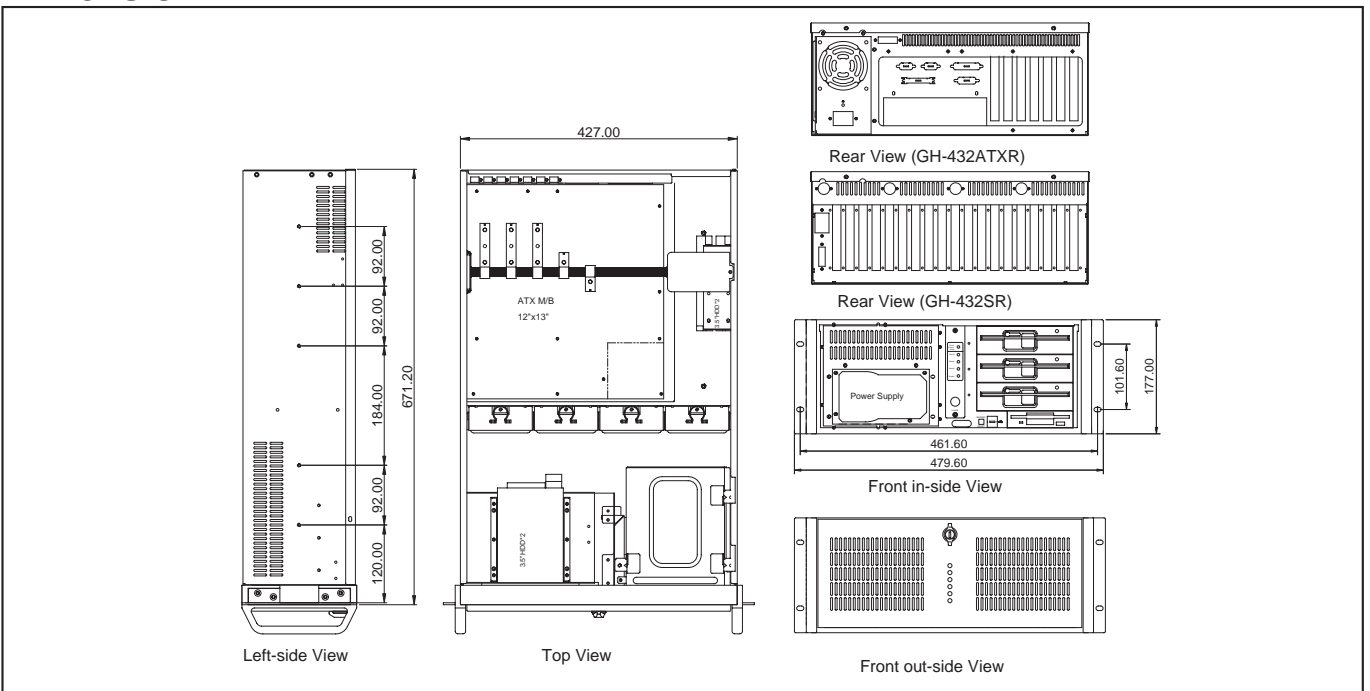
4U Rackmount Chassis



Specifications

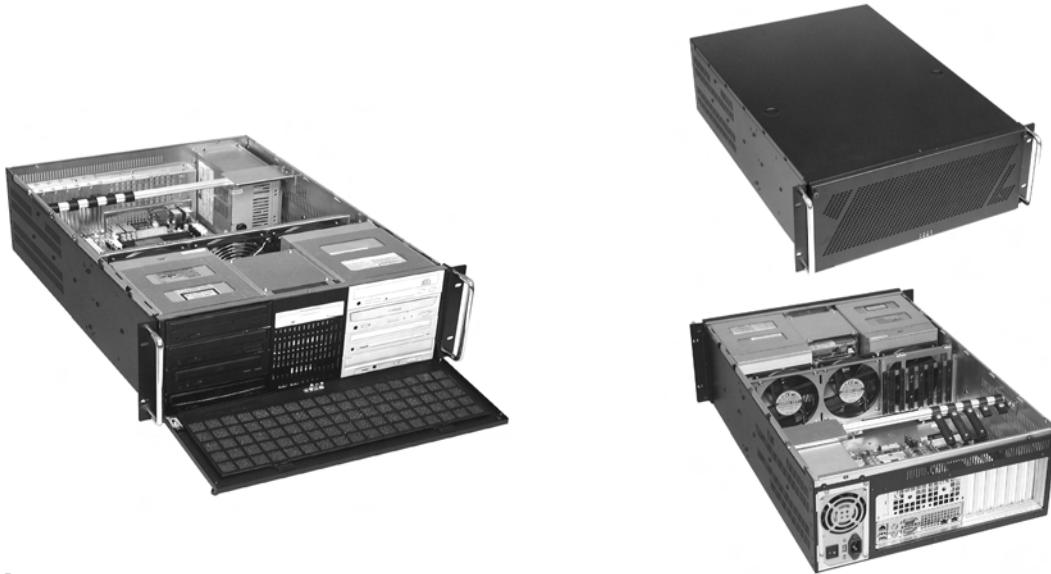
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, Dual Pentium III
- **Support EATX M/B(Max. to 12"x13")**(432ATXR)
- **Support 19-slot Passive Backplane**(432SR)
- **Drive Capacity:** 3x 5.25" & 1x 3.5" & 2x 3.5"HDD & 2x 3.5"HDD (Optional)
- **Power Supply(Optional):** PS/2 Size Single up to 700W or Mni Redundant up to 500W ATX P/S (Front Installation) Max. Depth 200mm
- **Cooling:** Hot Swappable 4x (92mm = 51CFM ea.) Fans & 1x (80mm = 42.5CFM ea.) Fans (432ATXR-Optional)
- **Front Door:** Single Door with 1 Thumb Twist Keylock
- **Connector Port (Front):** 2x USB Ports (Optional)
- **Air Filter:** Inside Front Door (Washable)
- **Thermal Management Card:** GHA-CO03 (Optional)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset
- **Dimensions (WxHxD):** 483x177x671mm (19" x 7.0" x 26.4")
- **Cuft:** 5.8
- **GW:** 21.0kgs / 46.3lbs
- **Carton Size(cm):** 85.4 x 33.6 x 57.6 (33.6" x 13.2" x 22.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-440

4U Rackmount Chassis

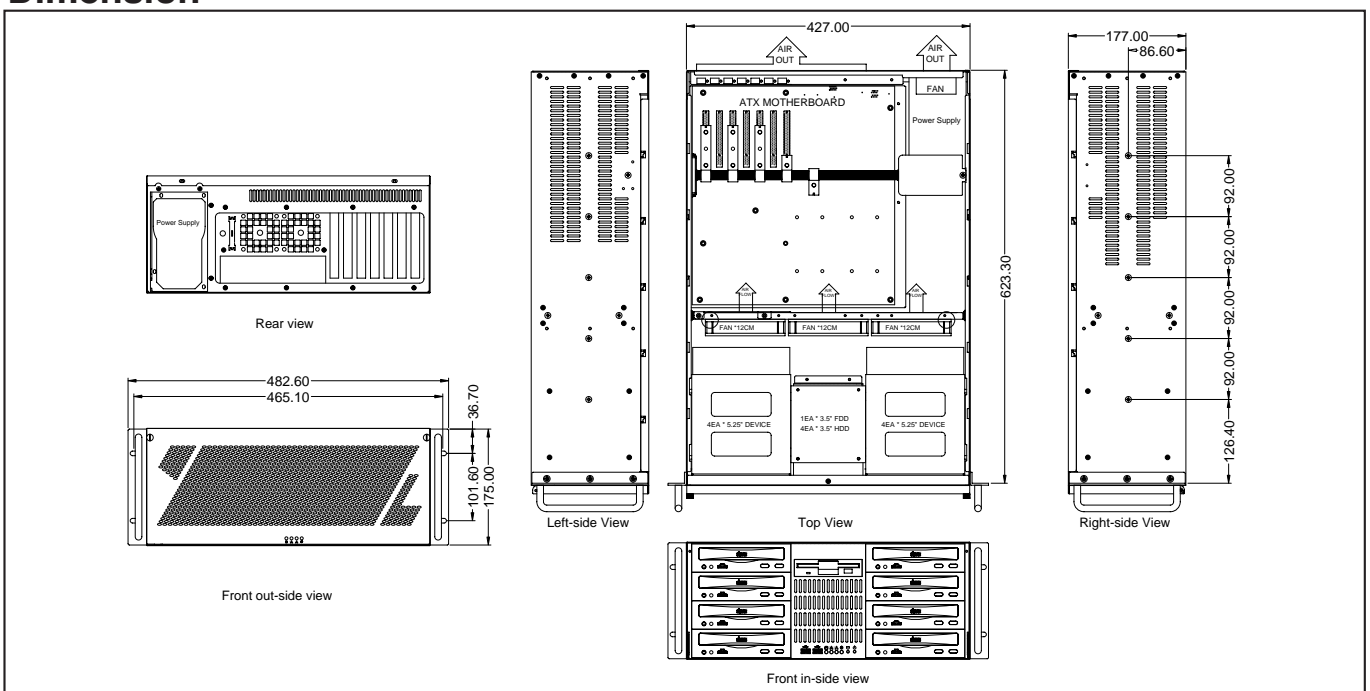


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Supports EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 8x CD-ROM & 4x 3.5"HDD & 1x 3.5"FDD or 1x CD-ROM & 15x 3.5"HDD & 1x 3.5"FDD
- **Power Supply (Optional):** PS2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 3x (120mm = 90CFM ea.) Fans & 2x (60mm 23.5CFM ea.)(Optional) Fans
- **Front Door:** Single Door with 2 Thumbscrews (Removable)
- **Connector Port (Front):** 2x USB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, 2x LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Dimple), System Reset
- **Dimensions(WxHxD):** 483x177x624mm(19" x 7.0" x 24.5")
- **Cuft:** 5.5
- **GW:** 19.5 kgs / 43.0 lbs
- **Carton Size (cm):** 80.0 x 33.1 x 59.0(31.5" x 13.0" x 23.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-441

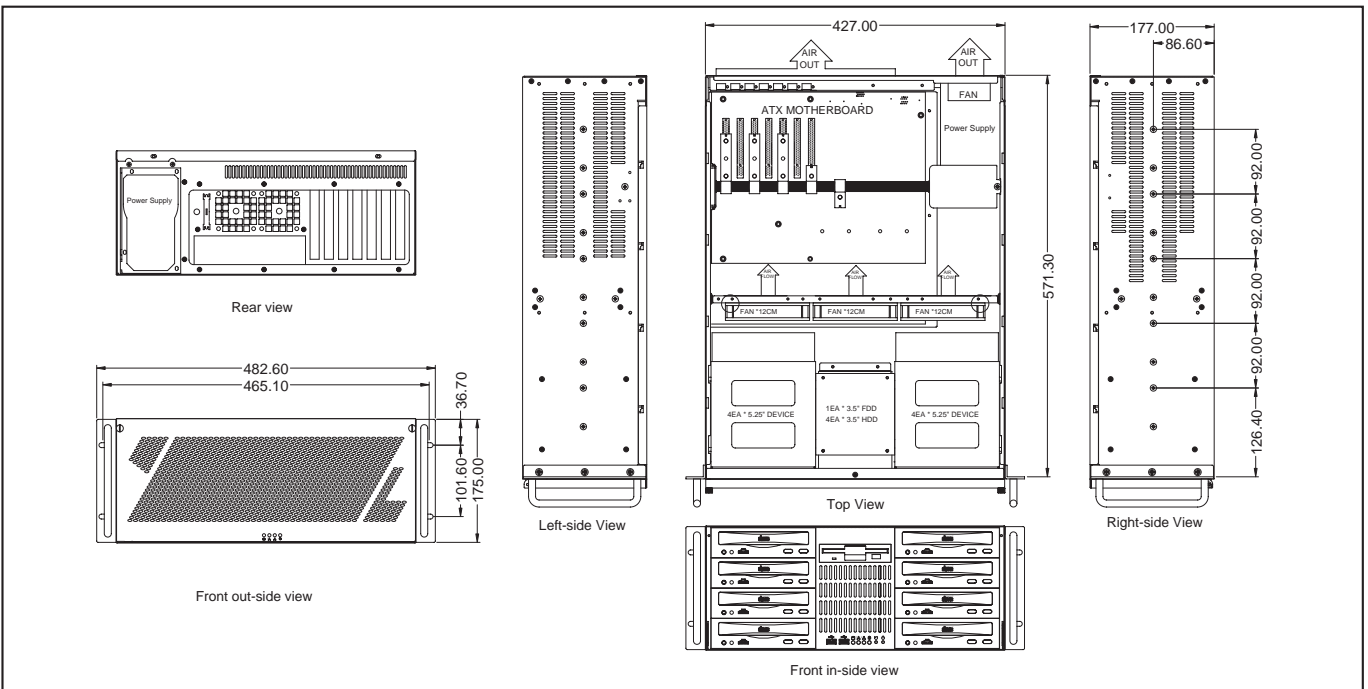
4U Rackmount Chassis



Specifications

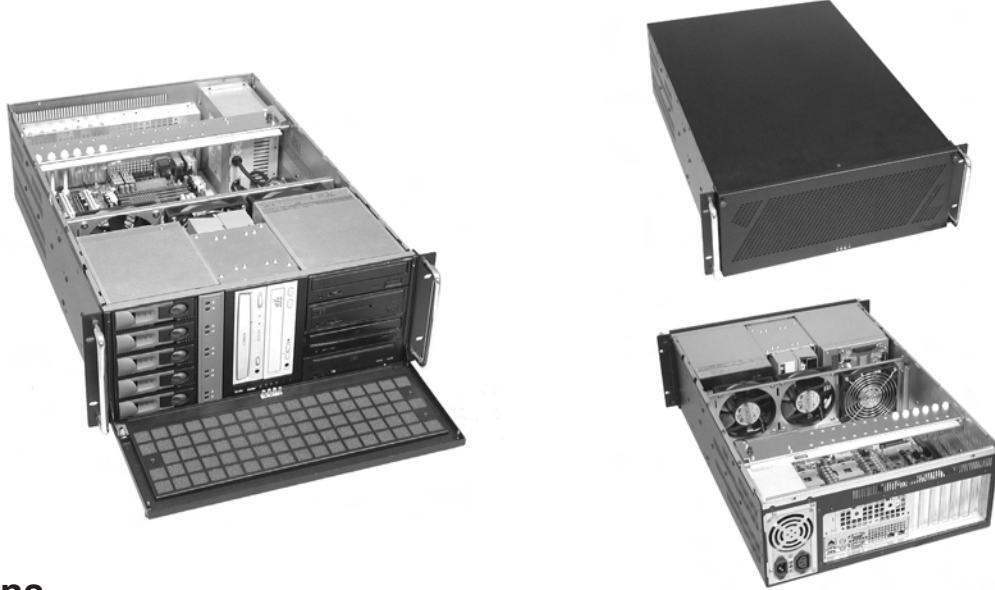
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Supports EATX M/B (Max. to 12" x 10.5") SSI EEB 3.0**
- **With Removable Drawer**
- **Drive Capacity:** 8x CD-ROM & 4x 3.5"HDD & 1x 3.5"FDD or 1x CD-ROM & 15x 3.5"HDD & 1x 3.5"FDD
- **Power Supply (Optional):** PS2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 250mm
- **Cooling:** 3x (120mm = 90CFM ea.) Fans & 2x (60mm = 23.5CFM ea.) Fans (Optional)
- **Front Door:** Single Door with 2 Thumbscrews (Removable)
- **Connector Port (Front):** 2x USB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, 2x LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Dimple), System Reset
- **Dimensions (WxHxD):** 483x177x571mm (19"x 7.0" x 22.5")
- **Cuft:** 5.2
- **GW:** 19.5 kgs / 43.0 lbs
- **Carton Size (cm):** 75 x 33.1 x 59.0 (29.5" x 13.0" x 23.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-442

4U Rackmount Chassis

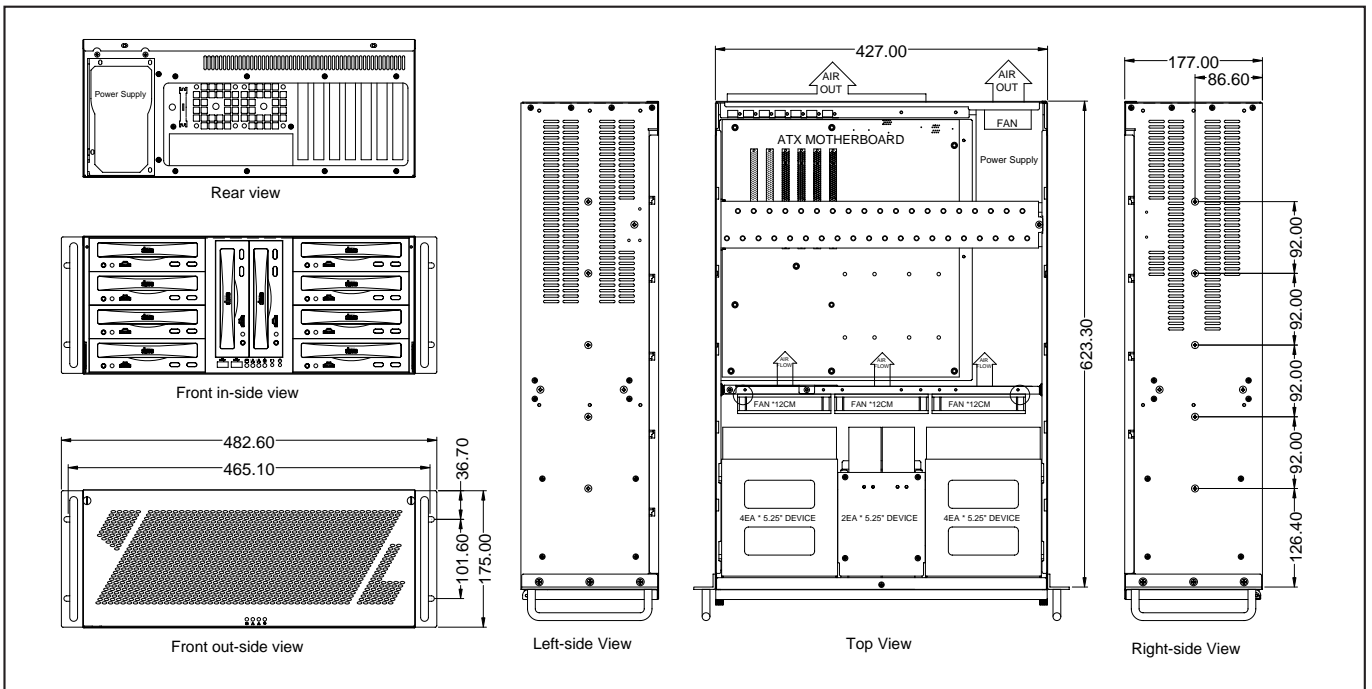


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Supports EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 10x CD-ROM or 12x 3.5"HDD & 2x CD-ROM
- **Power Supply (Optional):** PS2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 3x (120mm = 90CFM ea.) Fans & 2x (60mm 23.5CFM ea.) Fans (Optional)
- **Front Door:** Single Door with 2 Thumbscrews (Removable)
- **Air Filter:** Inside Front Door (Washable)
- **Connector Port (Front):** 2x USB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, 2x LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Dimple), System Reset
- **Dimensions (WxHxD):** 483x177x624mm (19"x7.0"x24.5")
- **Cuft:** 5.7
- **GW:** 19.1 kgs / 42.1 lbs
- **Carton Size (cm):** 85.5x34.0x56.5 (33.7" x 13.4" x 22.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-443

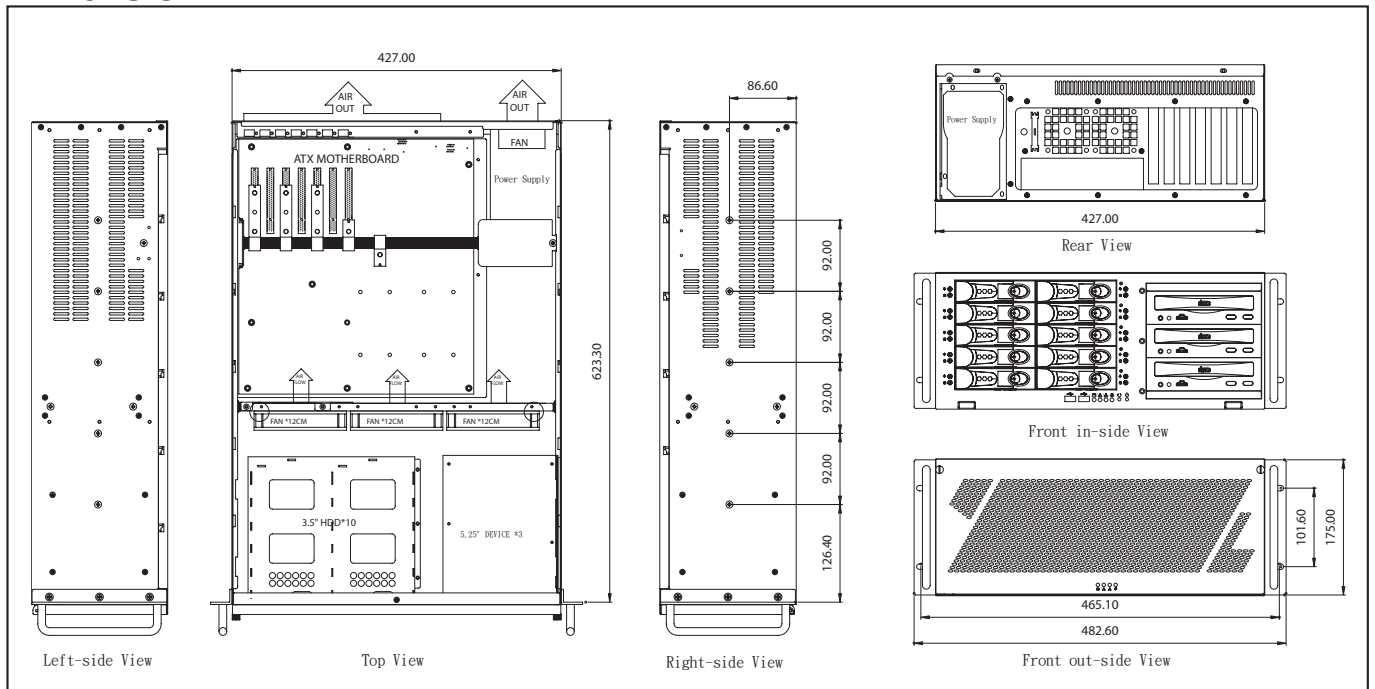
4U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron, Quad Opteron
- **Supports EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 3x CD-ROM & 10x 3.5" Swappable Trays
- **Power Supply(Optional) :** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 3x (120mm = 90CFM ea.) Fans & 2x (60mm 23.5CFM ea.)(Optional) Fans
- **Front Door:** Single Door With 2 Thumbscrews
- **Connector Port (Front):** 2x USB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Power/Access/ Fault, 2x LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary(Dimple), System Reset
- **Dimensions (W x H x D):** 483 x 177 x 624mm (19" x 7.0" x 24.5")
- **Cuft:** 5.5
- **GW:** 22.1kgs / 48.7 lbs
- **Carton Size (cm):** 80.0 x 33.1 x 59.0 (31.5" x 13.0" x 23.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-450

4U Wallmount Chassis

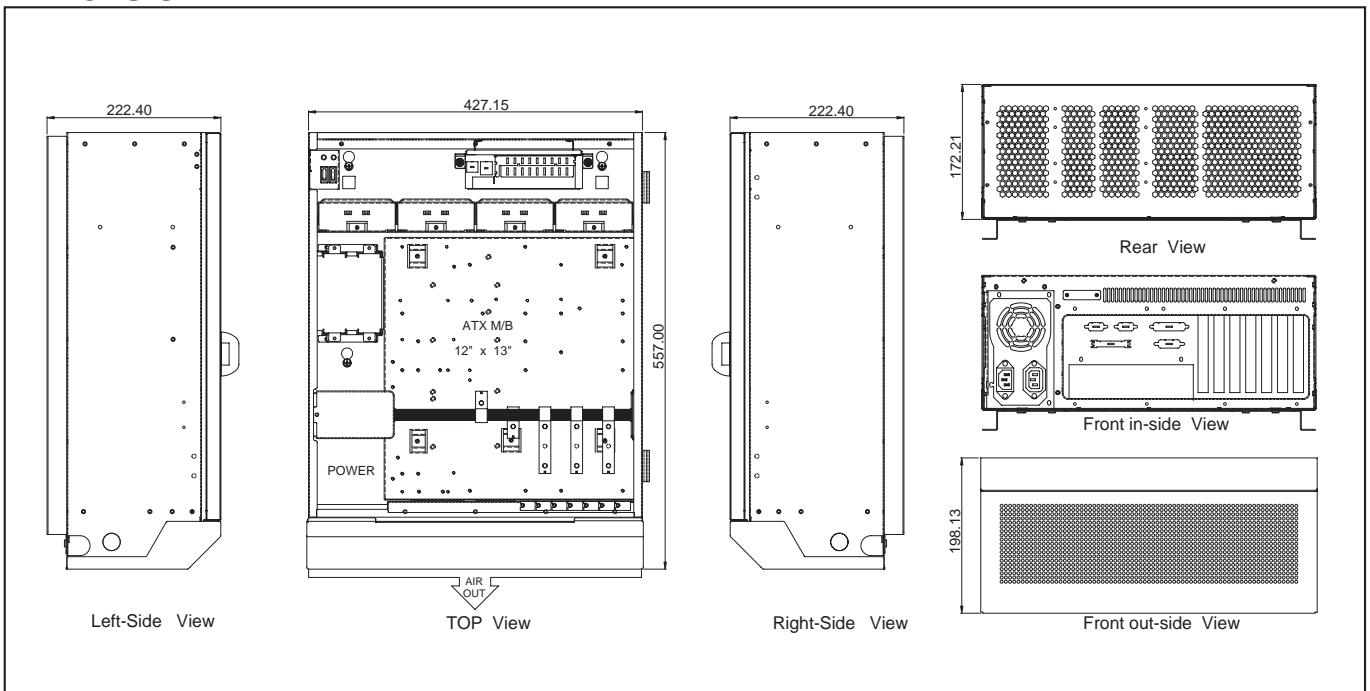


19" Rackmount

Specifications

- **Mounting:** Wall Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B(Max. to 12" x13")**
- **Drive Capacity:** 2x 3.5"HDD & 1xSlim FDD & 1xSlim CD-ROM
- **Power Supply (Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 200mm
- **Cooling:** 4x (92mm = 51CFM ea.) Hot Swap Fans
- **Air Filter:** Inside Front Panel (Washable)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset
- **Flexible Hold Down Bar Designed**
- **Dimensions (W x H x D):** 431 x 222 x 557mm (17.0" x 8.7" x 21.9")
- **Cuft:** 5.9
- **GW:** 21.3 kgs / 47.0 lbs
- **Carton Size(cm):** 55.5 x 42.5 x 70.5 (21.9" x 16.7" x 27.8")
- **Humidity:** 5% - 95% Non-condensing

Dimension

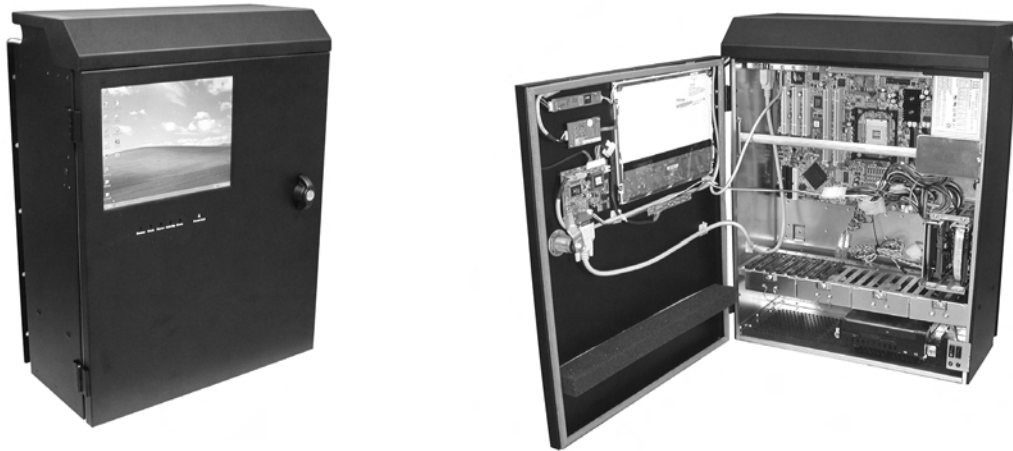


GHI-451ATXR/451SR

4U Wallmount Chassis

19" Rackmount

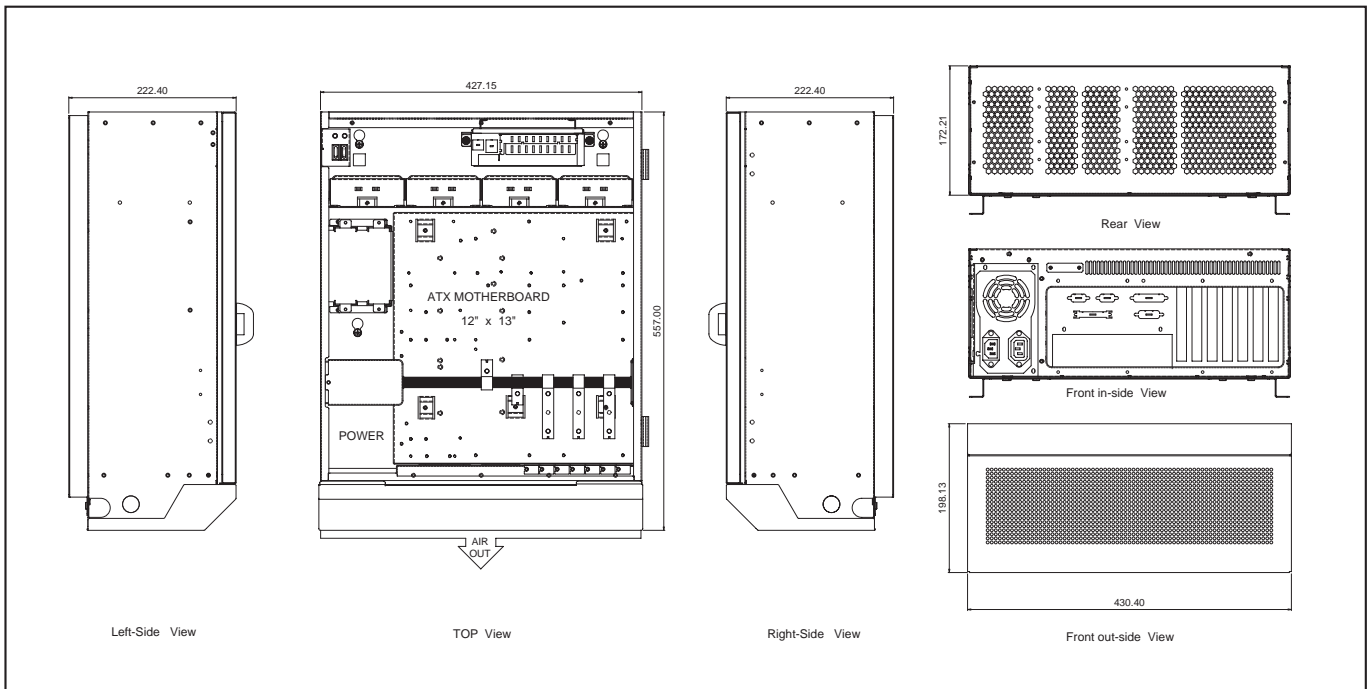
19" Rackmount



Specifications

- **Mounting:** Wall Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB3.0 (GHI-451ATXR)**
- **Support 14/15-Slot Passive Backplane (GHI-451SR)**
- **Drive Capacity:** 2x 3.5"HDD & 1xSlim FDD & 1xSlim CD-ROM
- **Power Supply (Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 200mm
- **Cooling:** 4x (92mm = 51CFM ea.) Hot Swap Fans
- **Air Filter:** Inside Front Panel (Washable)
- **LCD Size:** 10.4" TFT With 800x600 Resolution
- **Display Color:** Native 262K Colors
- **Luminance:** 230 cd/m2
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset
- **Dimensions (W x H x D):** 431 x 222 x 557mm (17.0" x 8.7" x 21.9")
- **Cuft:** 5.7
- **GW:** 21.7 kgs / 47.9 lbs
- **Carton Size(cm):** 57.0 x 40.0 x 70.5 (22.4" x 15.8" x 27.8")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-460

4U Rackmount/Tower Chassis

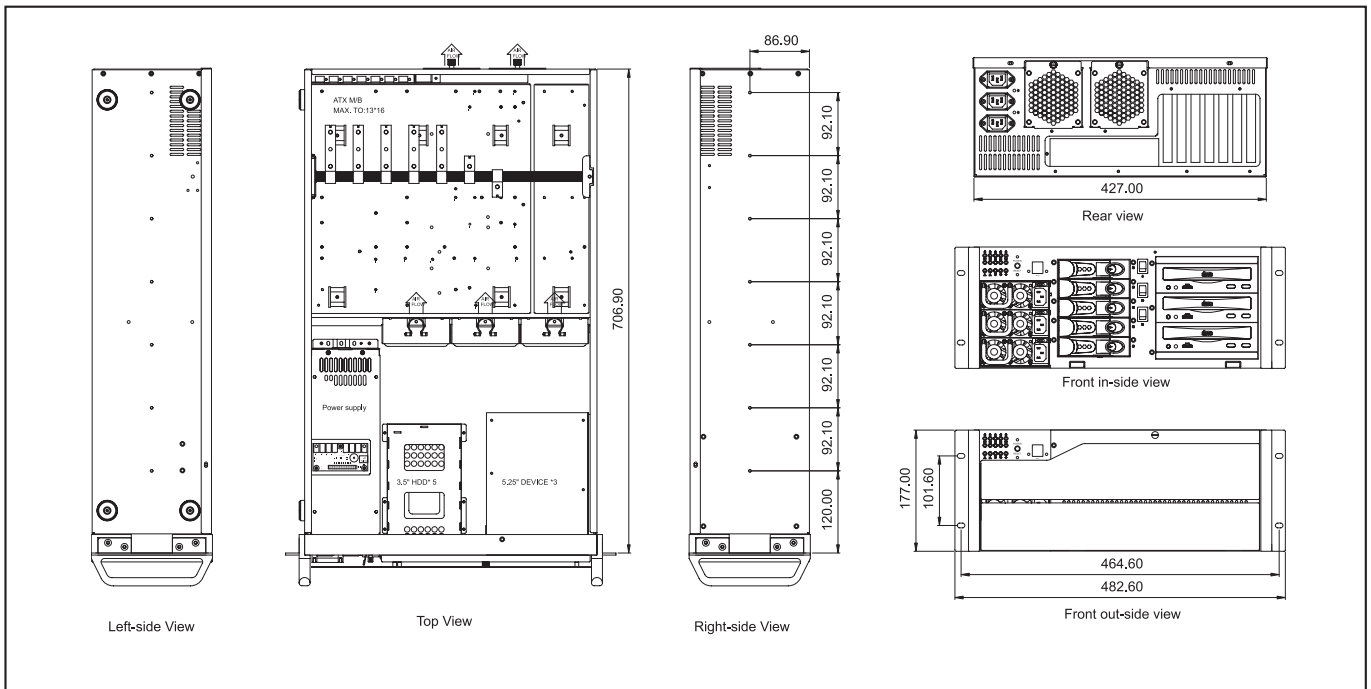


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron, Quad Opteron
- **Supports EATX M/B (Max. to 13" x 16") SSI EEB 3.0**
- **Drive Capacity:** 3x 5.25" CD-ROM & 5x 3.5"HDD
- **Power Supply :** N+1Redundant up to 950W ATX P/S (Front Installation) Max. Depth 300mm
- **Cooling:** 3x (92mm = 51CFM ea.) Hot Swapple Fans & 2x (80mm = 42.5CFM ea.) Fans
- **Front Door:** Single Door With 1 Thumbscrew
- **Thermal Management Card:** GHA-CO04
- **Connector Port (Front):** 2x USB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Power/Access/Fault, 2x LAN,Fan, Temperature
- **Switch:** Power ON/OFF Momentary(Rocker), System Reset,Buzzer Reset
- **Flexible Hold Down Bar Designed**
- **Dimensions (W x H x D):** 483 x 177 x 710mm (19" x 7.0" x 27.95")
- **Cuft:** 6.1
- **GW:** 23.2 kgs / 51.2 lbs
- **Carton Size (cm):** 56.0 x 34.5 x 89.0 (22.1" x 13.6" x 35.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-470

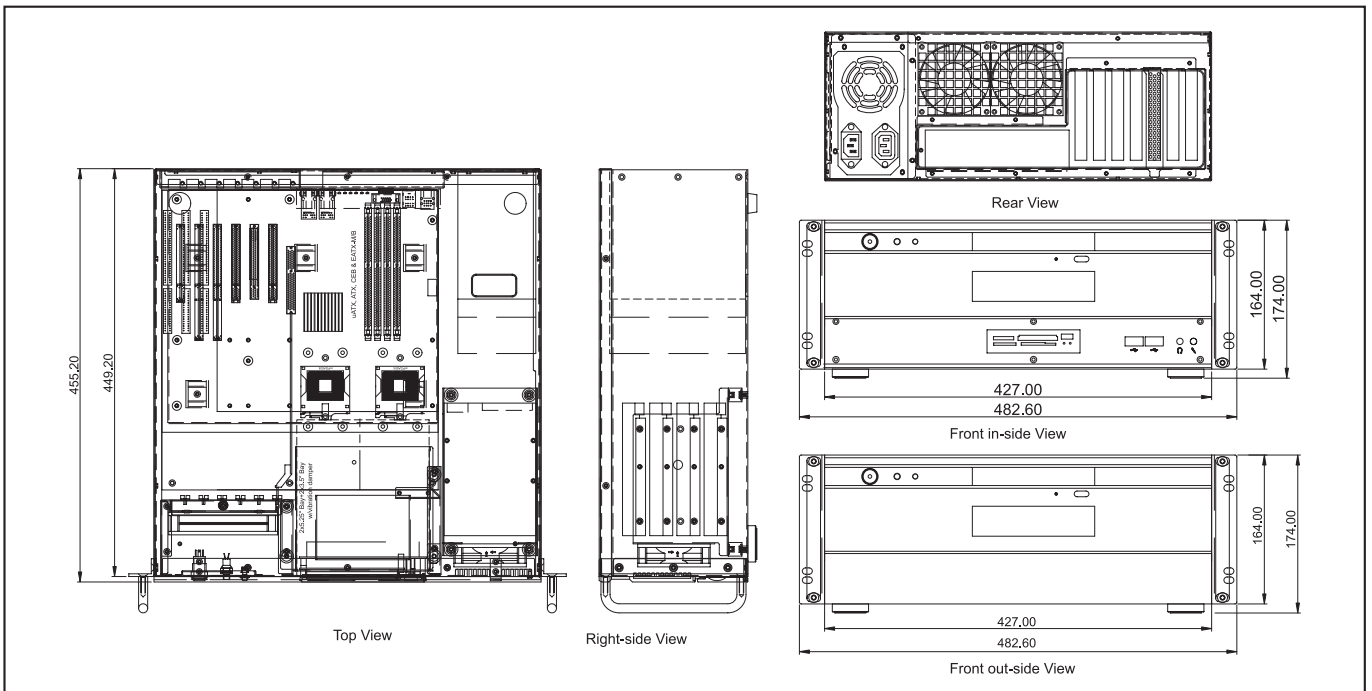
4U Rackmount Chassis



Specifications

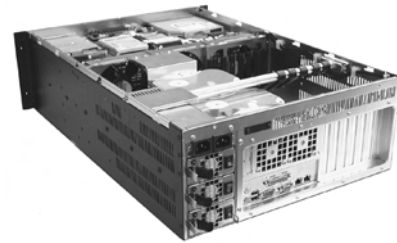
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Roll Electroplated Steel
- **Color:** Silver chassis with Anodized Aluminum bezel
- **System Boards:** Support uATX, ATX, CEB or EATX
- **Drive Bays:** 1 x VFD Display Module & 1x 5.25"CD-ROM & 1x 3.5"Card Reader & 5x 3.5"HDD
- **Power Supply(Optional) :** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 3x (80mm=42.5CFM ea.) & 1x (120mm=90CFM ea.) Fans
- **Connector Port (Front):** 2 X USB Ports; 1 X MIC; 1 X Headphone; 1x Memory Card Reader
- **Expansion Slot:** Seven Slots (support full size)
- **Indicators:** LEDs for Power and HDD
- **Switch:** Power On/Off & System Reset
- **Dimensions (W x H x D):** 483 x 177 x 624mm (19" x 7.0" x 24.5")
- **Cuft:** 4.4
- **GW:** 16.1 kgs / 35.5 lbs
- **Carton Size (cm):** 61.8 x 34.0 x 59.0 (24.3"x 13.4"x 23.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-480

4U Rackmount Chassis

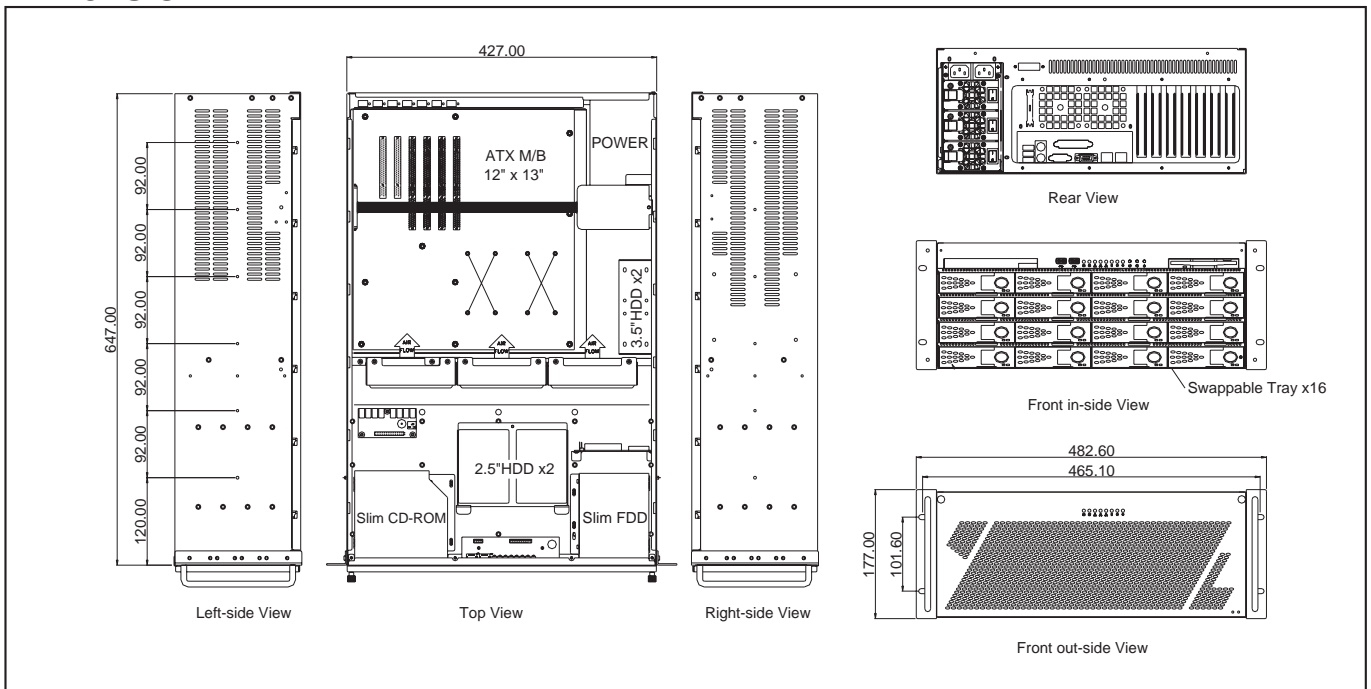


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 1xSlim CD-ROM & 1xSlim FDD & 16x3.5"Swappable IDE/SATA/SCSI 320/ Multilane SATA/SAS (Optional)Trays & 2x2.5"HDD & 2 x 3.5"HDD(Optional)
- **Power Supply (Optional):** N+1 Redundant up to 950W ATX P/S (Rear Installation)
- **Cooling:** 3x(12cm) Fans(90CFM ea.) & 2x(6cm) Fans(23.5CFM ea.) (Optional)
- **Front Door:** Single Door with 2 Thumb Screws(Removable)
- **Connector Port(Front):** 2xUSB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature, LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Dimple), System Reset, Buzzer Reset
- **Dimensions(WxHxD):** 483x177x 650mm(19"x7.0" x 25.6")
- **Cuft:** 5.8
- **GW:** 28.0kgs / 61.7lbs
- **Carton Size(cm):** 85.4 x 33.6 x 57.6(33.6" x 13.2" x 22.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-481

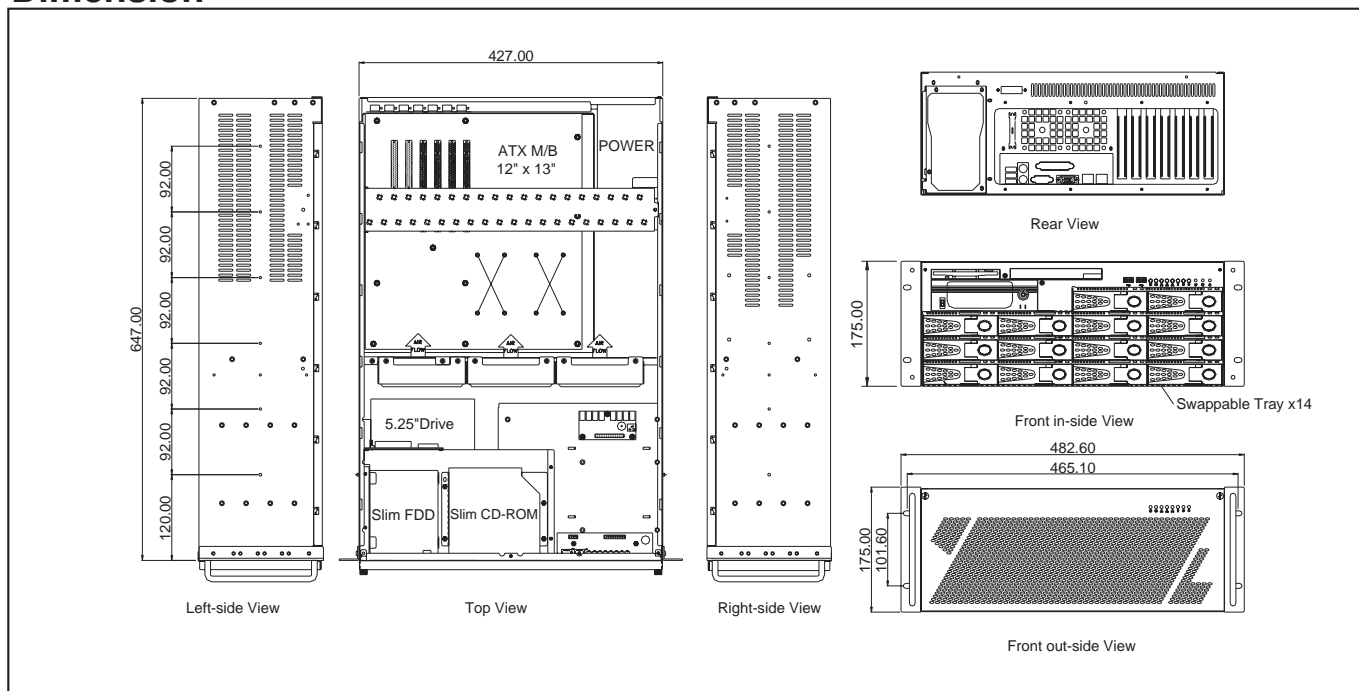
4U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0**
- **Drive Capacity:** 1x5.25" & 1xSlim CD-ROM & 1xSlim FDD & 14x3.5"Swappable IDE/SATA/SCSI 320/ Multilane SATA/SAS(Optional)Trays & 2 x 3.5"HDD(Optional)
- **Power Supply (Optional):** N+1 Redundant up to 950W ATX P/S (Rear Installation)
- **Cooling:** 3x(12cm) Fans(90CFM ea.) & 2x(6cm) Fans(23.5CFM ea.) (Optional)
- **Front Door:** Single Door with 2 Thumb Screws(Removable)
- **Connector Port(Front):** 2xUSB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature, LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Dimple), System Reset, Buzzer Reset
- **Dimensions(WxHxD):** 483x177x650mm(19" x 7.0" x 25.6")
- **Cuft:** 5.8
- **GW:** 28.0kgs / 61.7lbs
- **Carton Size(cm):** 85.4 x 33.6 x 57.6(33.6" x 13.2" x 22.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-B40

4U Rackmount Chassis

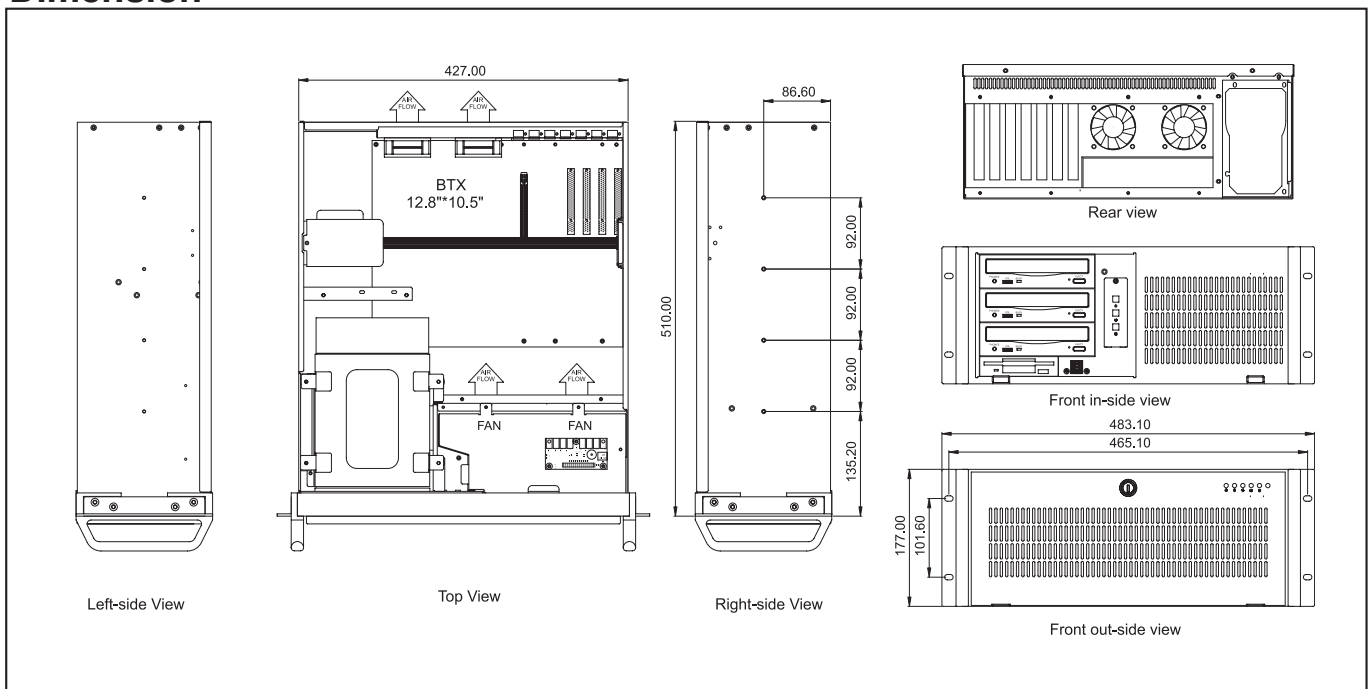


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support BTX M/B (Max. to 12.8" x 10.5")**
- **Drive Capacity:** 3x 5.25" & 1x 3.5" & 1x 3.5" HDD (Optional)
- **Power Supply(Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 220mm
- **Cooling:** 1x (120mm = 108CFM ea.) Fan (One Optional Opening for Extra 120mm Fan)
- **Front Door:** Single Door With Keylock
- **Air Filter:** Inside Front Door (Washable)
- **Connector Port (Front):** 2x USB (Optional) Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Flexible Hold Down Bar Designed**
- **Dimensions (W x H x D):** 483 x 177 x 510mm (19" x 7.0" x 20.1")
- **Cuft:** 4.9
- **GW:** 17.2 kgs / 37.9 lbs
- **Carton Size(cm):** 59.1 x 34.0 x 68.8 (23.3" x 13.4" x 27.1")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-M40ATXR/M40SR

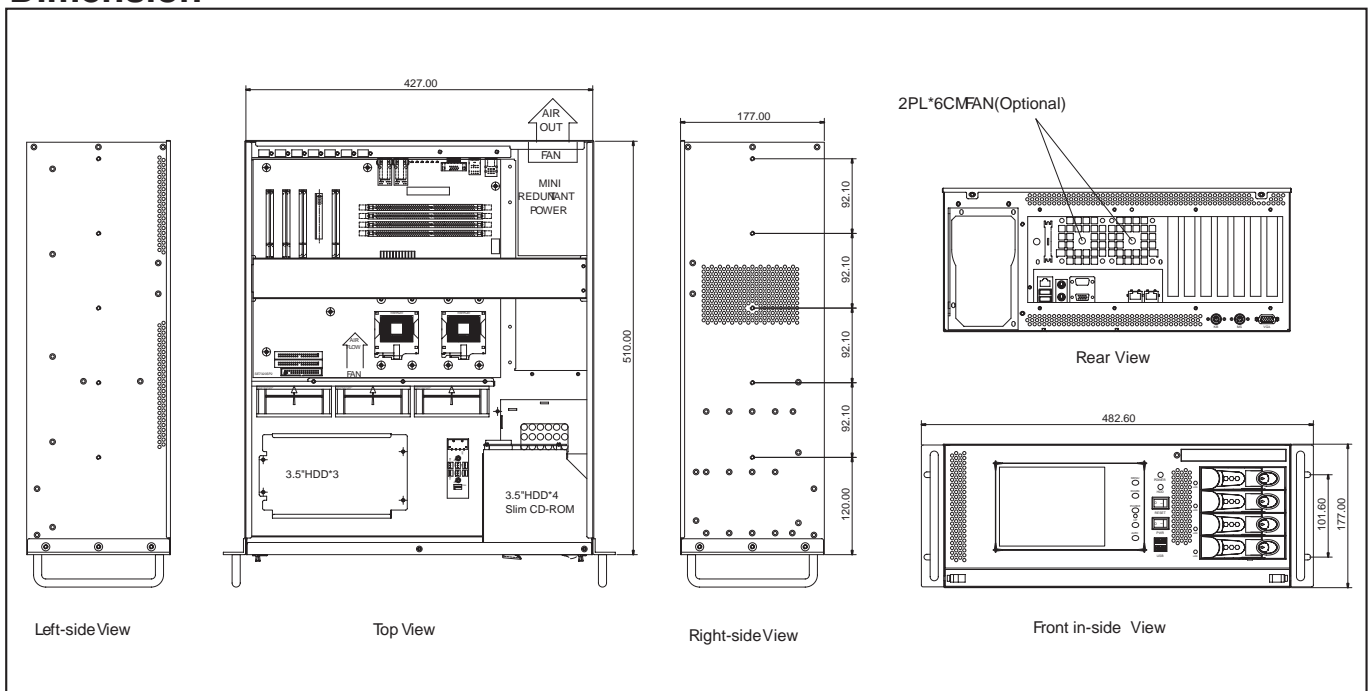
4U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Athlon 64, Dual Xeon, Dual Opteron
- **Support ATX M/B (Max. to 12" x 10.5") SSI EEB3.0 (GHI-M40ATXR)**
- **Support 14/15-Slot Passive Backplane (GHI-M40SR)**
- **Drive Capacity:** 1x 5.25" Slim CD-ROM & 4x 3.5" Swappable Trays & 3x 3.5"HDD
- **Power Supply (Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 220mm
- **Cooling:** 3x (92 mm = 51.0CFM ea.) Fans
- **Keyboard:** 83/84 Key With Integrated Track Ball+2 Mouse Buttons
- **Connector Port (Front):** 2x USB Ports
- **LCD Size:** 6.4" TFT With 640*480 Resolution
- **Display Colors:** 262,144 Colors
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset , Brightness, Contrast, Menu
- **Dimensions (W x H x D):** 483 x 177 x 510mm (19" x 7.0" x 20.1")
- **Cuft:** 4.9
- **GW:** 20.2 kgs / 44.5 lbs
- **Carton Size(cm):** 59.1 x 34.0 x 68.8 (23.3" x 13.4" x 27.1")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-M41ATXR/M41SR

4U Rackmount Chassis

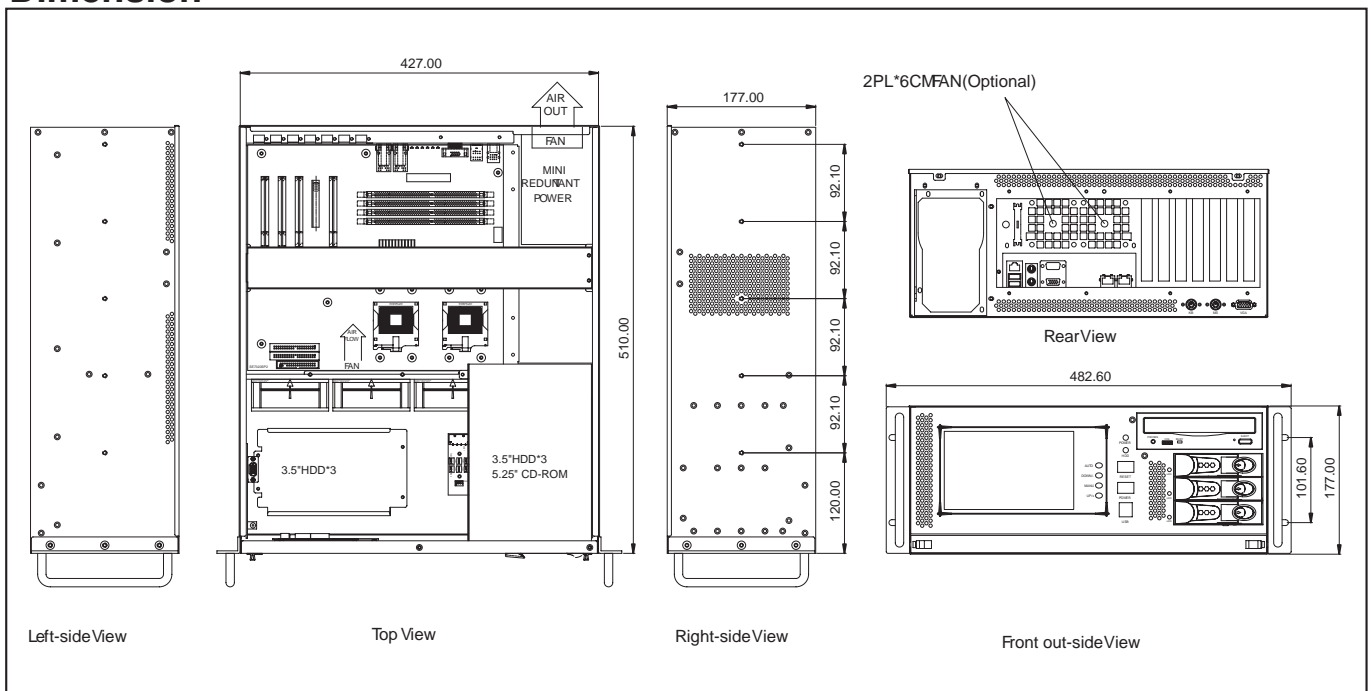


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Athlon 64, Dual Xeon, Dual Opteron
- **Support ATX M/B (Max. to 12" x 10.5") SSI EEB3.0 (GHI-M41ATXR)**
- **Support 14/15-Slot Passive Backplane (GHI-M41SR)**
- **Drive Capacity:** 1x 5.25" & 3x 3.5" Swappable Trays & 3x 3.5"HDD
- **Power Supply (Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation) Max. Depth 220mm
- **Cooling:** 3x (92 mm = 51.0CFM ea.) Fans & 2x (60 mm =23.5CFM ea.)(for ATX M/B-Optional) Fans
- **Keyboard:** 83/84 Key With Integrated Track Ball+2 Mouse Buttons
- **Connector Port (Front):** 2x USB Ports
- **LCD Size:** 7" TFT With 800*480 Resolution
- **Display Colors:** 262,144 colors
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset , Brightness, Contrast, Menu
- **Dimensions (W x H x D):** 483 x 177 x 510mm (19" x 7.0" x 20.1")
- **Cuft:** 4.9
- **GW:** 19.6 kgs / 43.2 lbs
- **Carton Size(cm):** 59.1 x 34.0 x 68.8 (23.3" x 13.4" x 27.1")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-P02

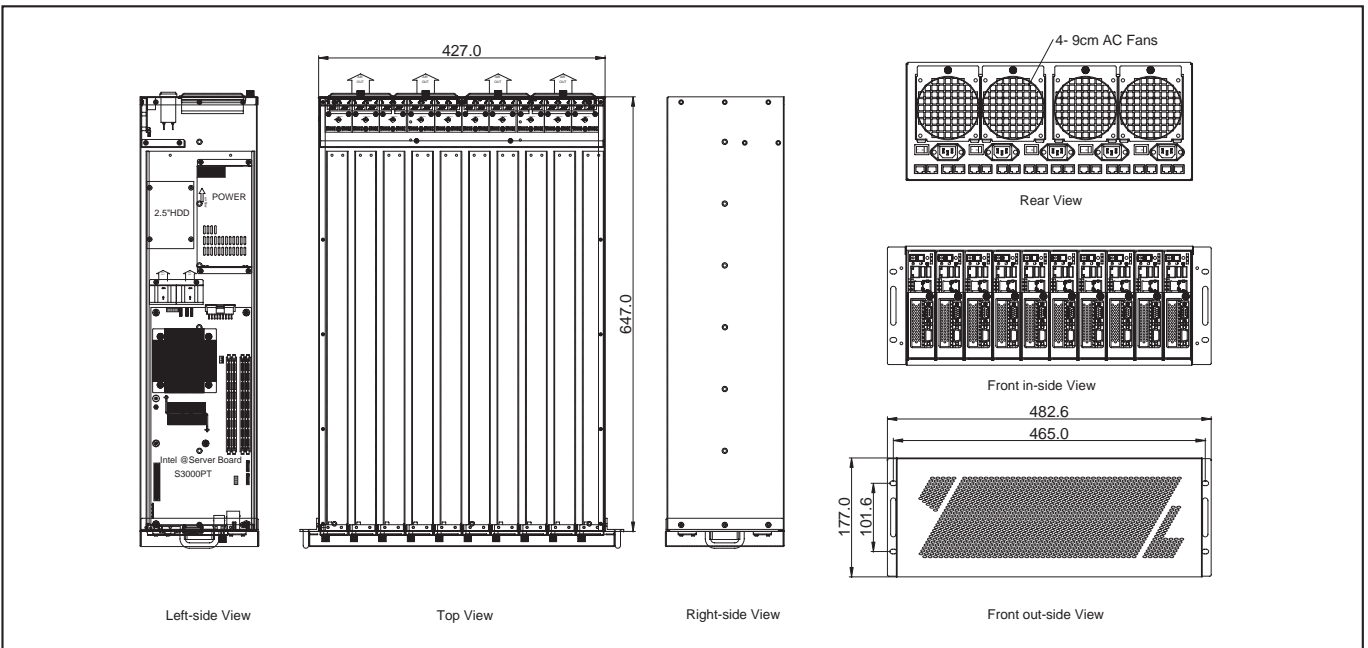
4U Rackmount Chassis



Specifications

- **Meet 19" 4U Height Rack-mount Enclosure With 10 x 1U Blade**
- **Constructions:** Heavy Duty Cold Rolled Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Intel @ Server Board S3000PT (13" x 6")
- **Drive Capacity:** 2x 2.5"HDD Per Blade
- **Power Supply (Optional):** 1x 275W (152.0 x 81.5 x 40.5mm) ATX P/S Per Blade
- **Cooling:** 2x (40x28mm = 15CFM ea.) Fans Per Blade & 4x (92mm = 52CFM ea.) AC Fans for The Enclosure
- **Front Door:** Snap Lock With Filter (Washable)
- **Connectors (Rear):** 2x RJ45 Per Blade
- **Expansion Slots:** 1x Horizontal PCI Slot Per Blade
- **Indicators:** LEDs for Power ON/OFF Momentary (Square Pushbutton), HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 483 x 177 x 647mm (19" x 7.0" x 25.5")
- **Cuft:** 5.8
- **GW:** 38.4 kgs / 84.7 lbs
- **Carton Size(cm):** 85.4 x 33.6 x 57.6 (33.6" x 13.2" x 22.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-520SR/530ATXR

5U Rackmount Chassis

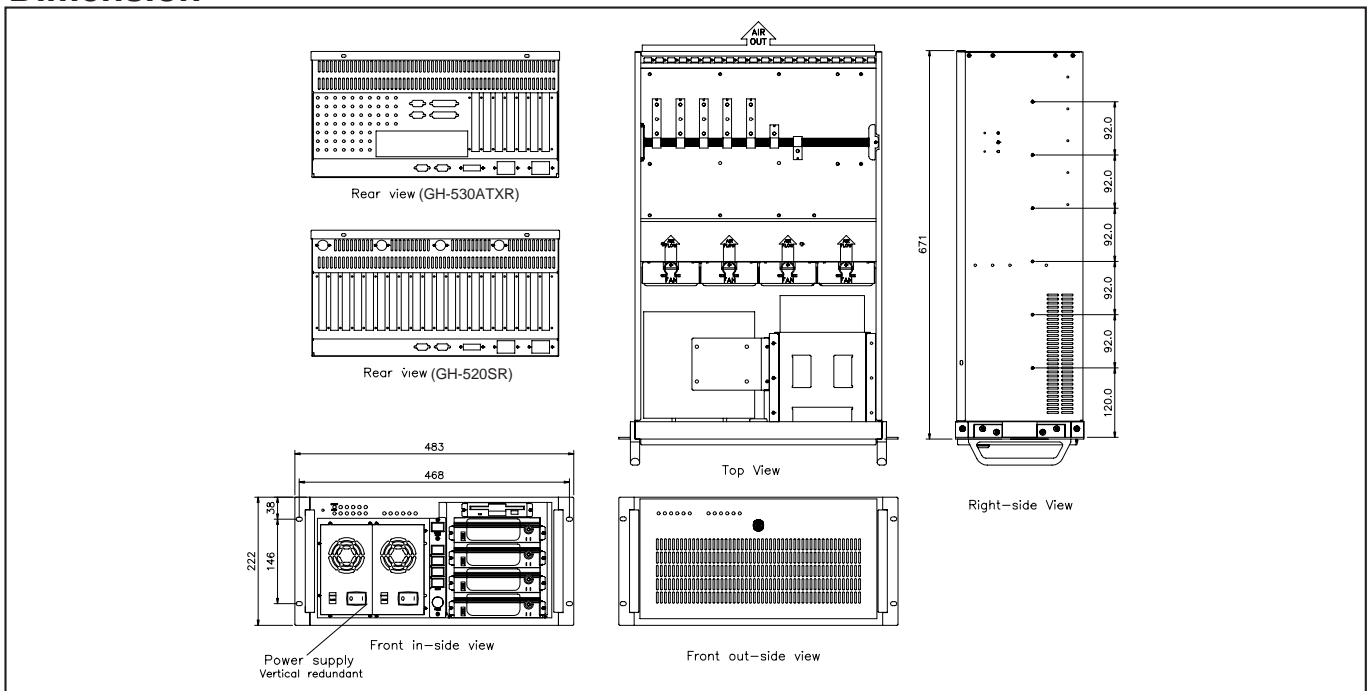


19" Rackmount

Specifications

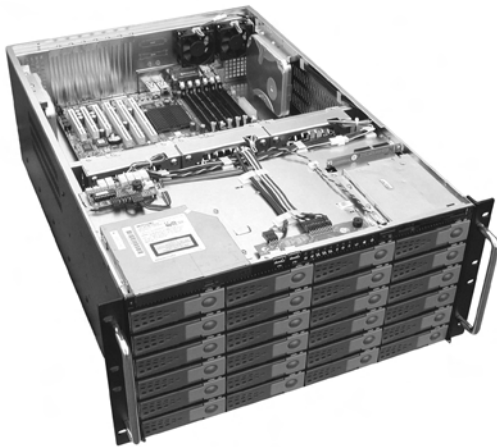
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support 20-slot Passive Backplane (520SR)**
- **Support EATX M/B (Max. to 13" x 16") SSI EEB 3.0 (530ATXR)**
- **Drive Capacity:** 4x 5.25" & 1x 3.5"
- **Power Supply (Optional):** Vertical Redundant up to 400W ATX P/S or DC to DC-48V 300W P/S(Front Installation) Max. Depth 220mm
- **Cooling:** Hot Swappable 4x(9cm) Fans(51CFM ea.) or Hot Swappable 3x (120mm = 90CFM ea.) Fans (Optional)
- **Air Filter:** Inside Front Door (Washable)
- **Front Door:** Single Door with 1 Thumb Twist Keylock
- **Thermal Management Card:** GHA-CO01
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary or AT (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 483x222x671mm (19" x 8.75" x 26.4")
- **Cuft:** 6.8
- **GW:** 26.0kgs / 57.3lbs
- **Carton Size(cm):** 61.0 x 37.0 x 85.5 (24.0" x 14.6" x 33.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-580

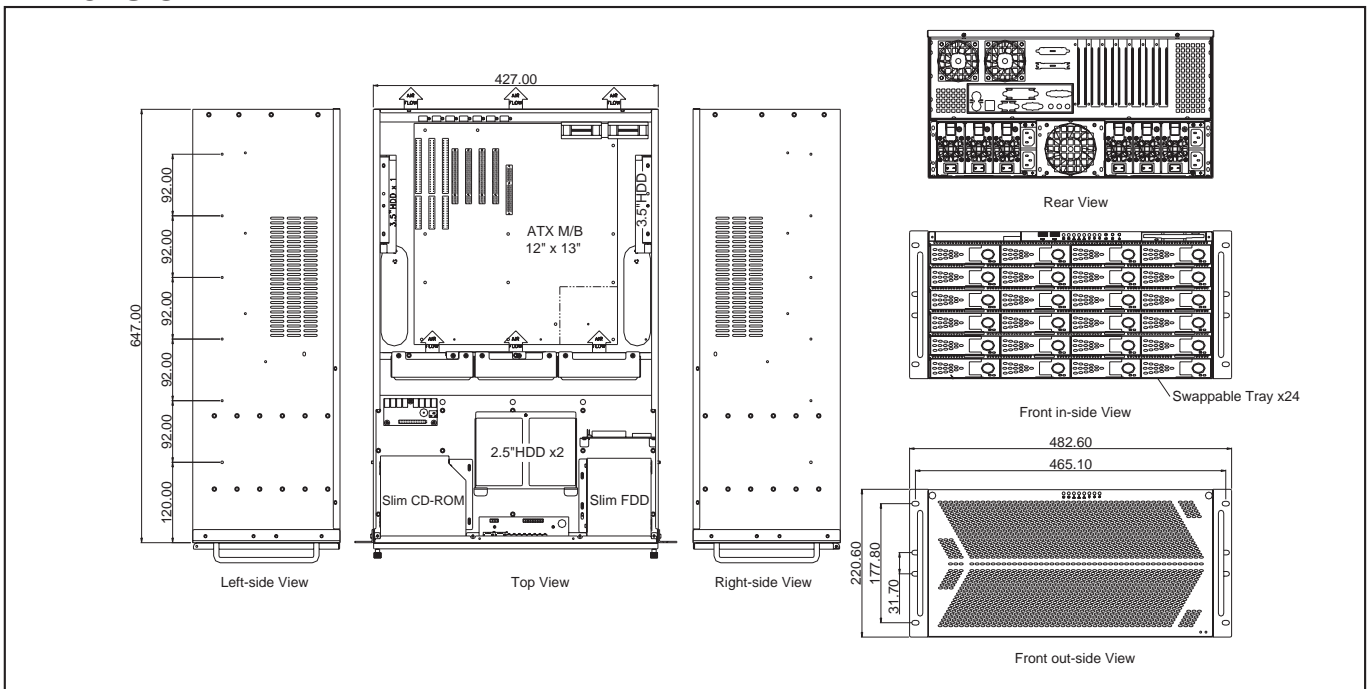
5U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron, Quad Opteron
- **Support EATX M/B (Max. to 12" x 13") SSI EEB 3.0 With Removable Drawer**
- **Drive Capacity:** 1x Slim CD-ROM & 1x Slim FDD & 24x 3.5"Swappable, 2x 2.5"HDD & 2 x 3.5"HDD(Optional)
- **Drive Interface:** PATA, SATA, SCSI320, Multilane SATA or SAS
- **Power Supply (Optional):** 2x Redundant up to 500W ATX P/S ea. (Rear Installation) Max. Depth 275mm
- **Cooling:** 3x (120mm = 90CFM ea.) Fans & 1x (80mm 42.5CFM ea.) Fan & 2x (60mm = 23.5CFM ea.) Fans
- **Front Door:** Single Door with 2 Thumbscrews(Removable)
- **Connector Port (Front):** 2x USB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature, LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Dimple), System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 483x222x650mm(19"x8.7"x 25.6")
- **Cuft:** 6.8
- **GW:** 33.5kgs / 73.9lbs
- **Carton Size (cm):** 85.5 x 37.0 x 61.0(33.7" x 14.6" x 24.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-581

5U Rackmount Chassis

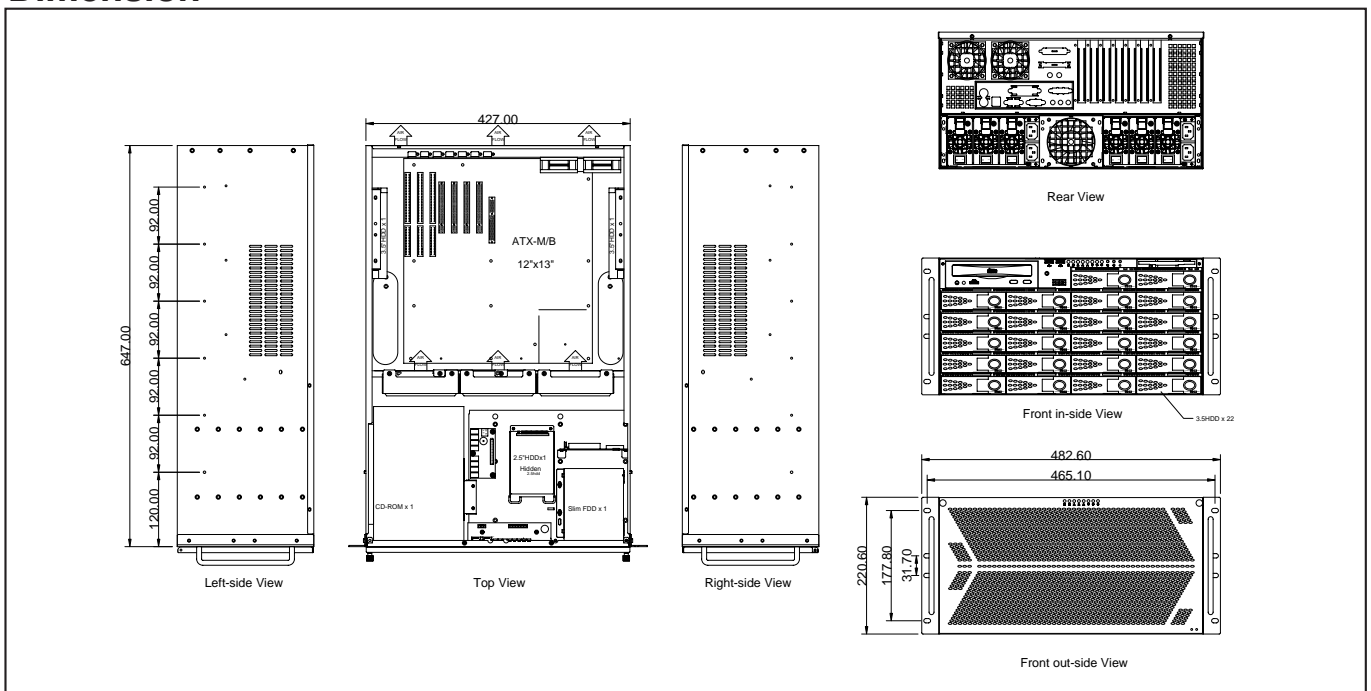


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard"**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Supports EATX M/B (Max. to 12" x 13") SSI EEB 3.0 With Removable Drawer**
- **Drive Capacity:** 1x 5.25", 1x Slim FDD & 22x 3.5" Hot Swappable Trays & 1x 2.5"HDD & 2x 3.5"HDD (Optional)
- **Drive Interface:** PATA, SATA, SCSI320, Multilane SATA or SAS
- **Power Supply (Optional):** 2x Redundant up to 500W ATX P/S ea. (Rear Installation) Max. Depth 275mm
- **Cooling:** 3x (120mm = 90CFM ea.) Fans & 1x (80mm = 42.5CFM ea.) Fan & 2x (60mm = 23.5CFM ea.) Fans
- **Front Door:** Single Door with 2 Thumbscrews (Removable)
- **Connector Port (Front):** 2x USB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature, LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Dimple), System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 483x222x650mm(19"x8.7"x25.6")
- **Cuft:** 6.8
- **GW:** 33.5kgs / 73.9lbs
- **Carton Size (cm):** 85.5x37.0x61.0 (33.7" x 14.6" x 24.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-583

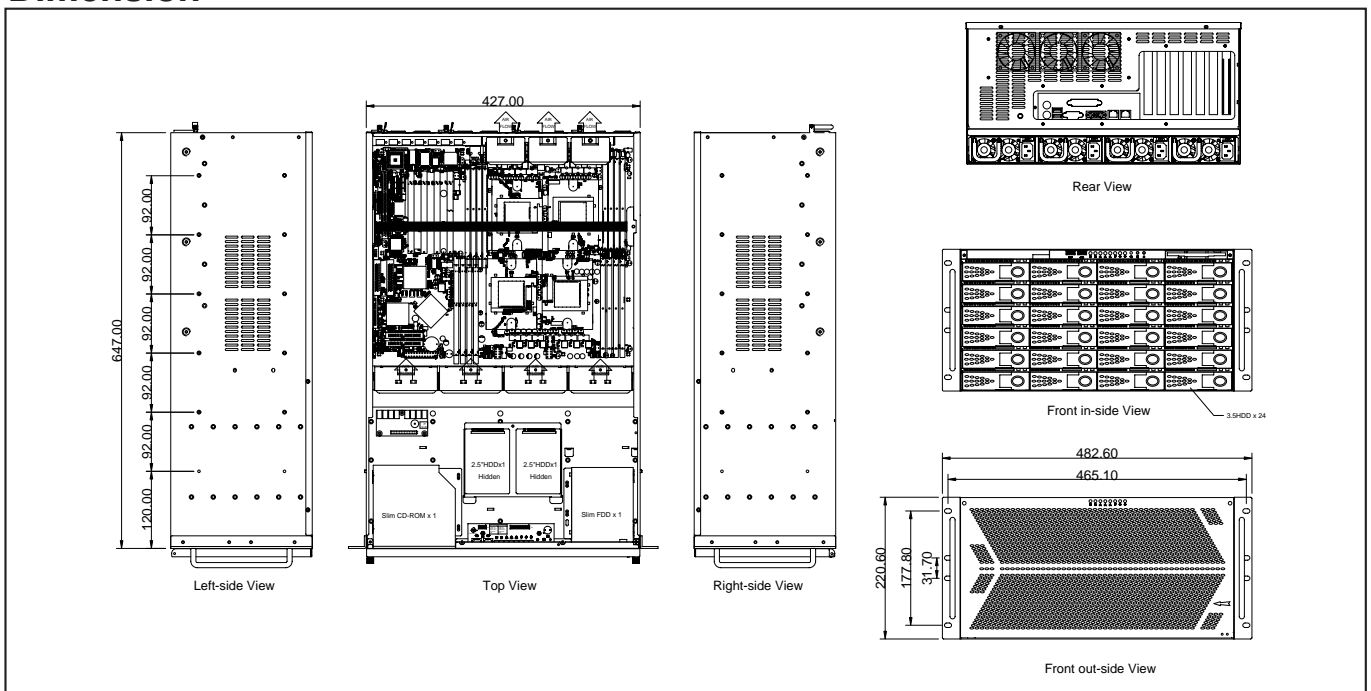
5U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron, Quad Opteron
- **Supports EATX M/B (Max. to 13" x 16") With Removable Drawer**
- **Drive Capacity:** 1x Slim CD-ROM, 1x Slim FDD & 24x 3.5" Hot Swappable & 2x 2.5" HDD & 2 x 3.5" HDD (Optional)
- **Drive Interface:** PATA, SATA, SCSI320, Multilane SATA or SAS
- **Power Supply (Optional):** 1U Redundant up to 1650W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (92mm = 51CFM ea.) Fans & 3x (60mm 23.5CFM ea.) Fans
- **Front Door:** Single Door with 2 Thumbscrews(Removable)
- **Connector Port (Front):** 2x USB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature, LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Dimple), System Reset, Buzzer Reset
- **Dimensions(WxHxD):** 483x222x650mm(19" x 8.7" x 25.6")
- **Cuft:** 6.8
- **GW:** 33.5kgs / 73.9lbs
- **Carton Size (cm):** 85.5 x 37.0 x 61.0 (33.7"x14.6"x 24.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-584

5U Rackmount Chassis

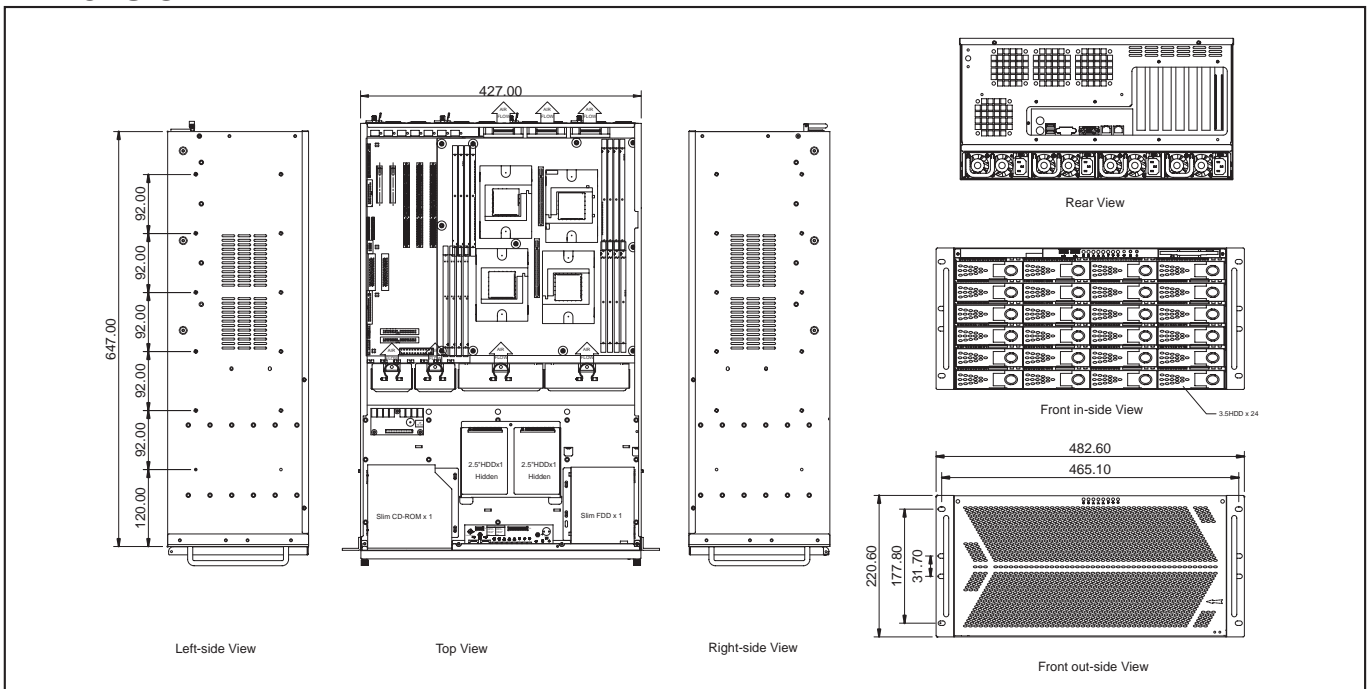


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron, Quad Opteron
- **Supports Dual EATX M/B (Max. to 13" x 16") With Removable Drawer**
- **Drive Capacity:** 1x Slim CD-ROM, 1x Slim FDD & 24x 3.5" Hot Swappable & 2x 2.5" HDD & 2 x 3.5" HDD (Optional)
- **Drive Interface:** PATA, SATA, SCSI320, Multilane SATA or SAS
- **Power Supply (Optional):** 1U Redundant up to 1650W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 6x (60mm = 23.5CFM ea.) Fans & 2x (120mm = 90CFM ea.) Fans
- **Front Door:** Single Door With 2 Thumbscrews (Removable)
- **Connector Port (Front):** 2x USB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature, LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Dimple), System Reset, Buzzer Reset
- **Dimensions (W x H x D):** 483 x 222 x 650mm (19" x 8.7" x 25.6")
- **Cuft:** 6.8
- **GW:** 34.5kgs / 76.1lbs
- **Carton Size (cm):** 85.5 x 37.0 x 61.0 (33.7" x 14.6" x 24.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-600ATXR/620SR

6U Rackmount Chassis

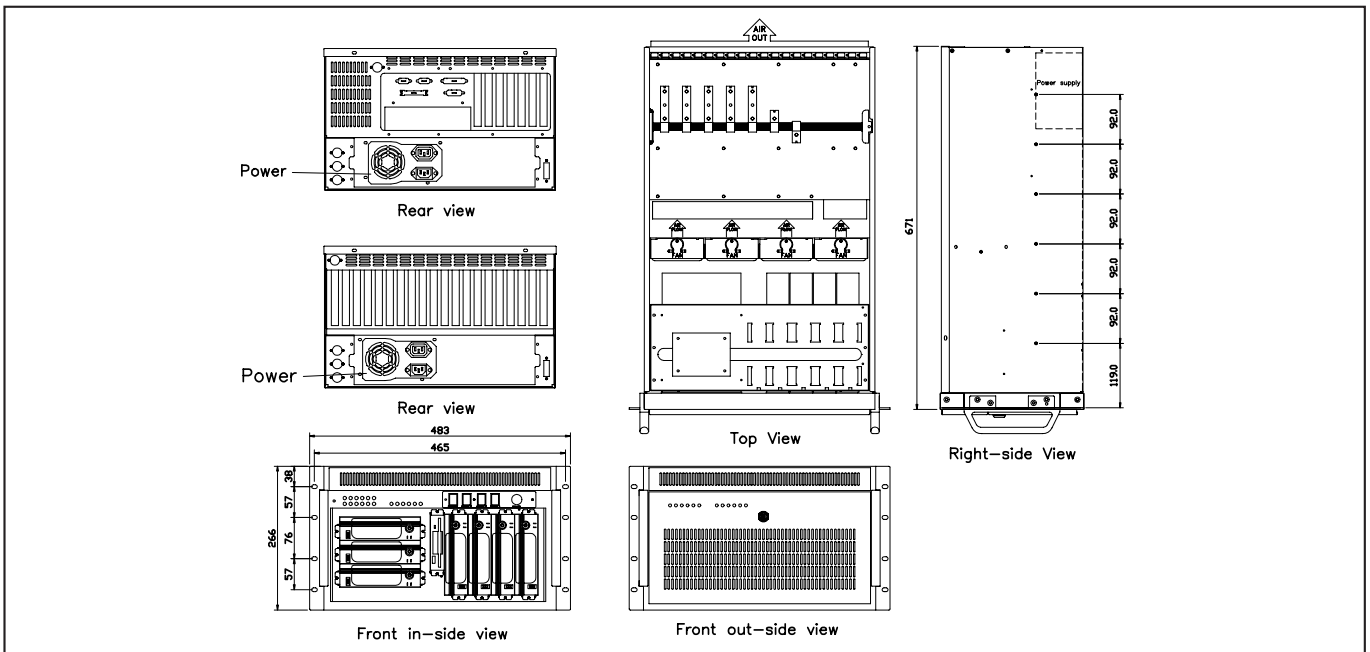


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, Dual Pentium III
- **Support EATX M/B (Max. to 13" x 16") SSI EEB 3.0 With Removable Drawer (600ATX)**
- **Support 20-slot Passive Backplane With Removable Drawer (620SR)**
- **Drive Capacity:** 7x 5.25" & 1x 3.5"
- **Power Supply (Optional):** PS/2 Size Single up to 700W or Horizontal Redundant up to 550W or Mini Redundant up to 500W ATX P/S(Rear Installation)
- **Cooling:** Hot Swappable 4x (90mm = 51CFM ea.) Fans
- **Front Door:** Single Door With Keylock
- **Air Filter:** Inside Front Door (Washable)
- **Thermal Management Card:** GHA-CO01
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary or AT (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (W x H x D):** 483 x 267 x 671mm (19" x 10.5" x 26.4")
- **Cuft:** 7.7
- **GW:** 29.0kgs / 64.0lbs
- **Carton Size (cm):** 61.0 x 41.8 x 85.5 (24.0" x 16.5" x 33.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-611ATXR/611SR

6U Rackmount Chassis

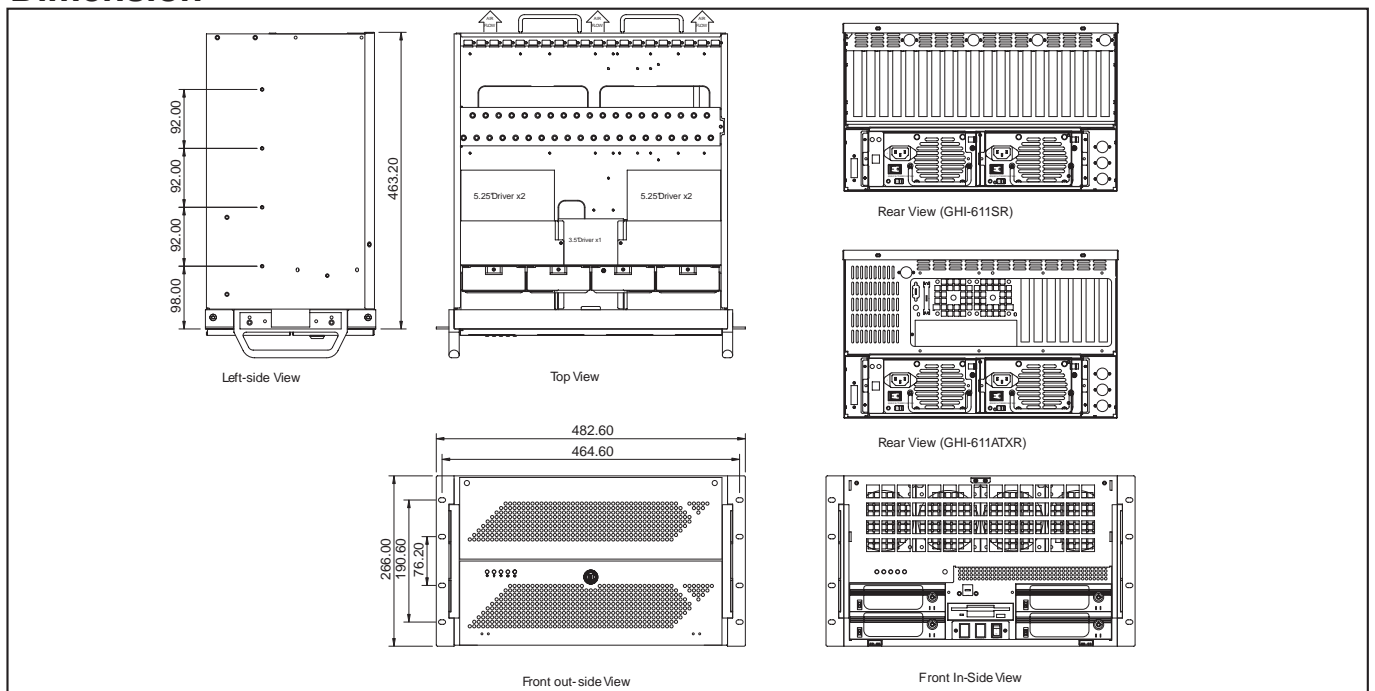
19" Rackmount



Specifications

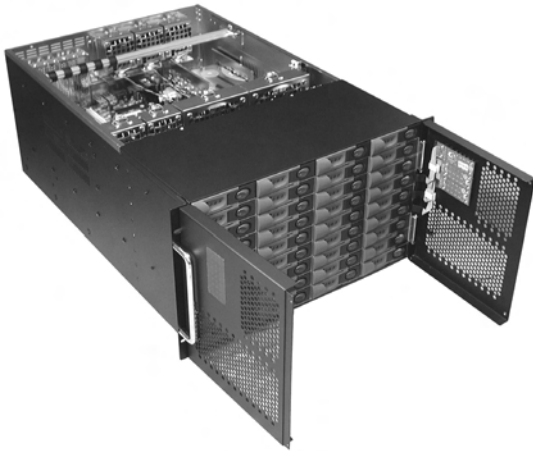
- EIA RS-310C 19" Rackmount Standard
- Construction: Heavy Duty Cold Rolled Electroplated Steel
- Color: Black (Standard), Beige or Custom
- Support EATX M/B (Max. to 12" x 16") With Removable Drawer (GHI-611SATXR)
- Support 20-slot Passive Backplane With Removable Drawer (GHI-611SR)
- Drive Capacity: 4x 5.25" & 2x 3.5" HDD
- Power Supply (Optional): PS/2 Size Single up to 700W or Horizontal Redundant up to 550W or Mini Redundant up to 500W ATX P/S (Rear Installation)
- Cooling: Hot Swappable 4x (90mm = 51CFM ea.) Fans
- Connector Port (Front): 2 X USB Ports (Optional)
- Front Door: Single Door With 1 Thumb Twist Keylock
- Air Filter: Inside Front Door (Washable)
- Thermal Management Card: GHA-CO04
- Indicators: LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- Flexible Hold Down Bar Designed
- Switch: Power ON/OFF Momentary or AT (Pushbutton), System Reset, Buzzer Reset
- Dimensions (W x H x D): 483 x 267 x 463mm (19" x 10.5" x 18.2")
- Cuft: 5.8
- GW: 25.3 kgs / 55.8 lbs
- Carton Size (cm): 61.0 x 41.8 x 64.7 (24.0" x 16.5" x 25.5")
- Humidity: 5% - 95% Non-condensing

Dimension



GHI-690

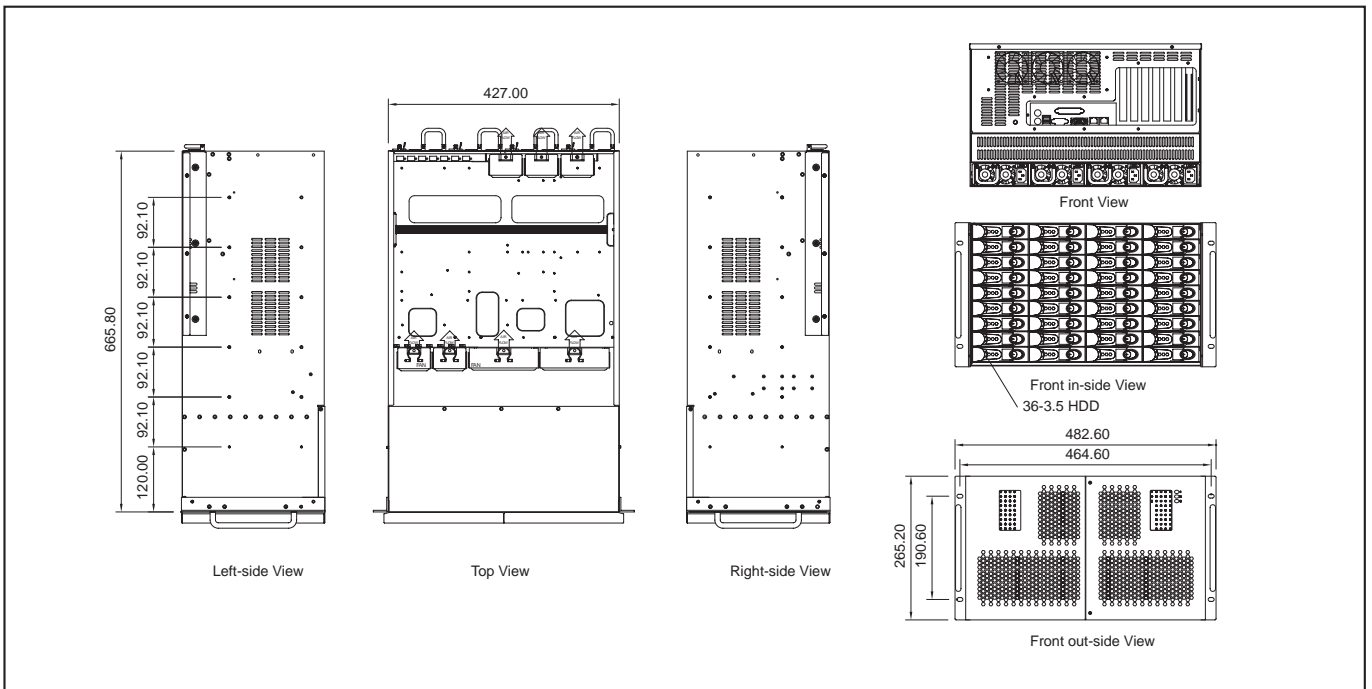
6U Rackmount Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron, Quad Opteron
- **Supports EATX M/B (Max. to 13" x 16") With Removable Drawer**
- **Drive Capacity:** 36 x 3.5" Swapple HDD
- **Drive Interface:** SATA, SCSI320, Multilane SATA or SAS
- **Power Supply (Optional):** 1U Redundant up to 1650W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 2x (120mm = 108CFM ea.) & 2x (60mm = 23.5CFM ea.) & 3x (60mm = 23.5CFM ea.) Hot Swappable Fans
- **Front Door:** Double Horizontal Doors With 2 Thumbscrews
- **Thermal Management Card:** GHA-CO08
- **Indicators:** LEDs for Power ON/OFF, HDD Power/Activity, Fan, Temperature, LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Dimple), System Reset, Buzzer Reset
- **Dimensions (W x H x D):** 483 x 265 x 666mm (19" x 10.4" x 26.2")
- **Cuft:** 7.7
- **GW:** 36.7 kgs / 80.9 lbs
- **Carton Size (cm):** 61.0 x 41.8 x 85.5 (24.0" x 16.5" x 33.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-691

6U Rackmount Chassis

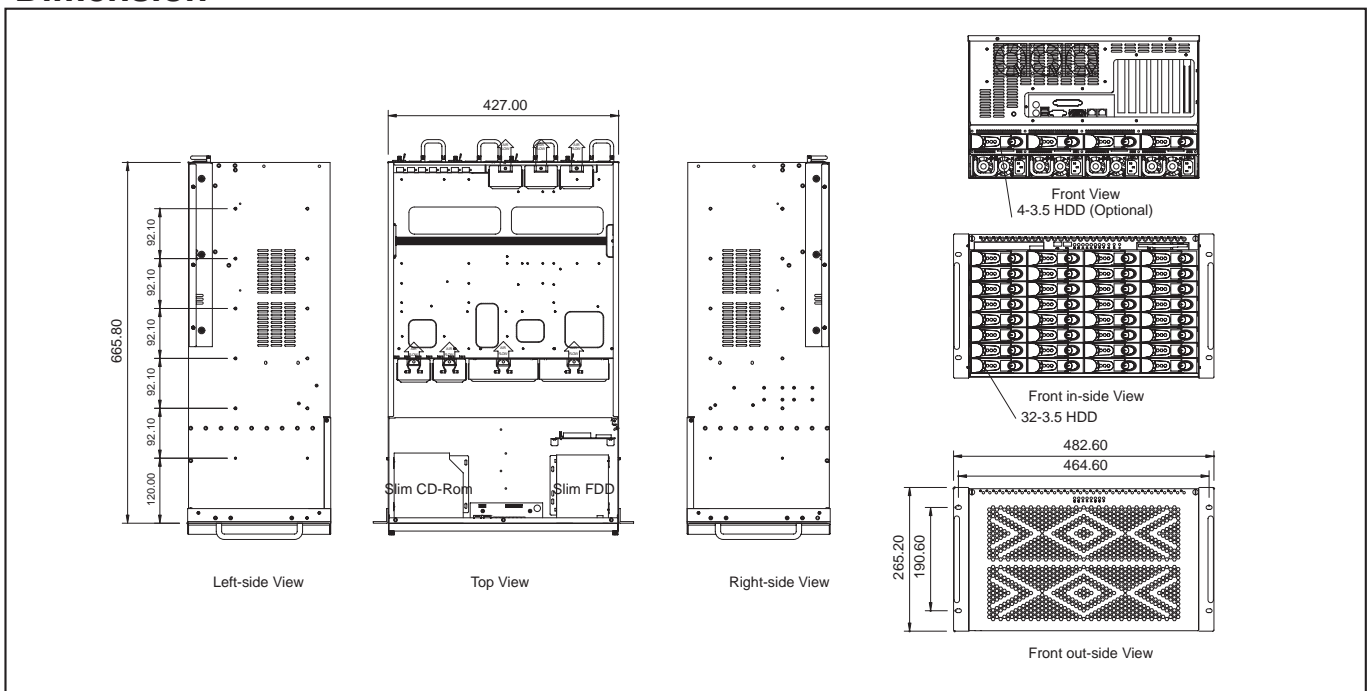


19" Rackmount

Specifications

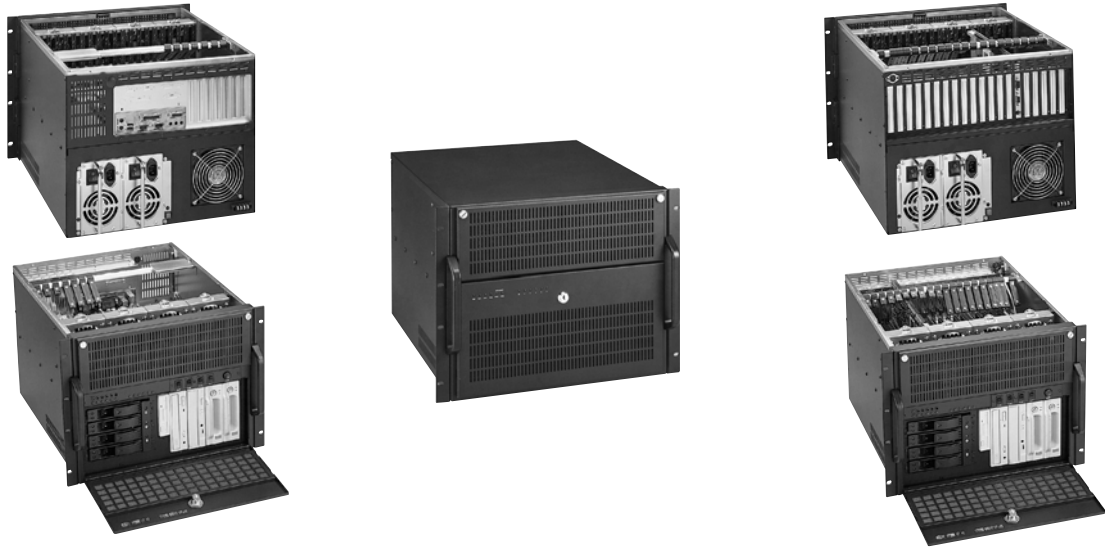
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron, Quad Opteron
- **Supports EATX M/B (Max. to 13" x 16") With Removable Drawer**
- **Drive Capacity:** 1x Slim CD-ROM, 1x Slim FDD & 32 x 3.5" Swappable HDD & 4x3.5" Hot Swappable HDD on Rear Side (Optional)
- **Drive Interface:** PATA, SATA, SCSI320, Multilane SATA or SAS
- **Power Supply (Optional):** 1U Redundant up to 1650W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** 2x (120mm = 108CFM ea.) & 2x (60mm = 23.5CFM ea.) & 3x (60mm = 23.5CFM ea.) Hot Swappable Fans
- **Front Door:** Single Door With 2 Thumbscrews (Removable)
- **Connector Port (Front):** 2x USB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Power/Activity, Fan, Temperature, LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Dimple), System Reset, Buzzer Reset
- **Dimensions (W x H x D):** 483 x 265 x 666mm (19" x 10.4" x 26.2")
- **Cuft:** 7.7
- **GW:** 38.3 kgs / 84.5 lbs
- **Carton Size (cm):** 61.0 x 41.8 x 85.5 (24.0" x 16.5" x 33.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-800ATXR/820SR

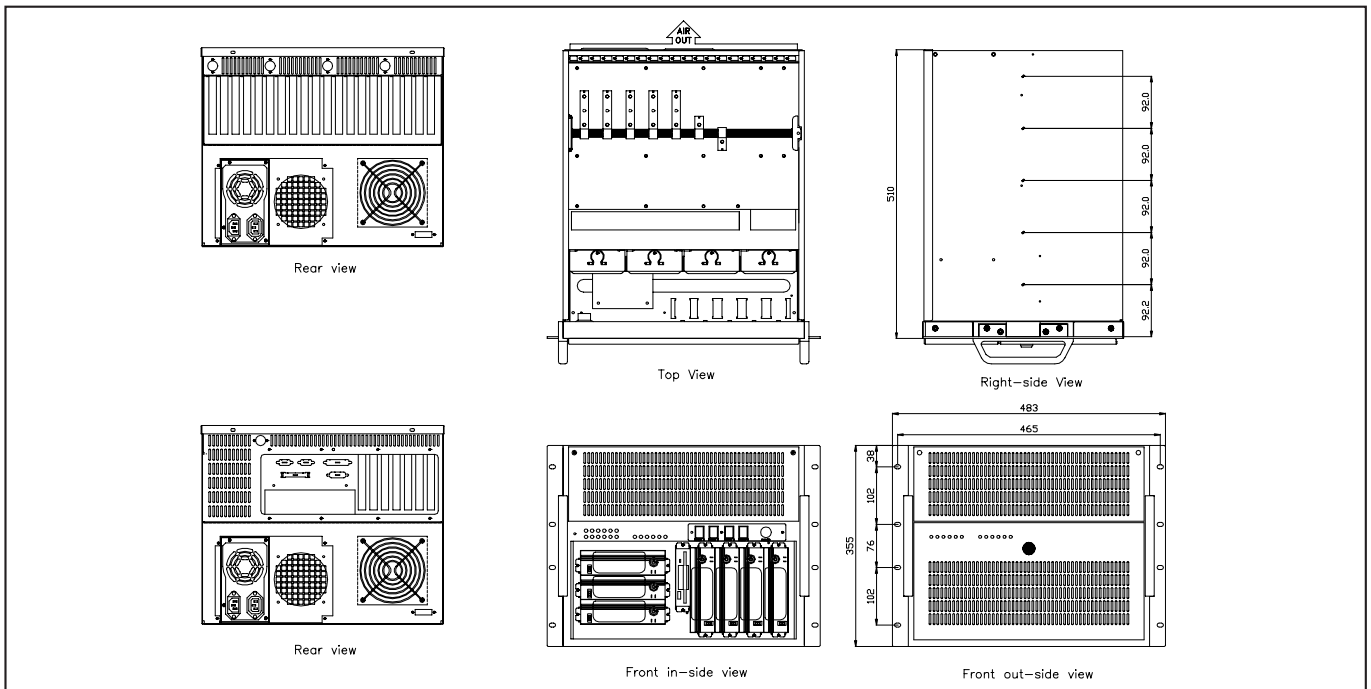
8U Rackmount Chassis



Specifications

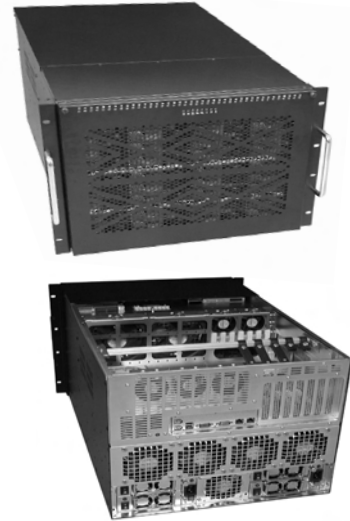
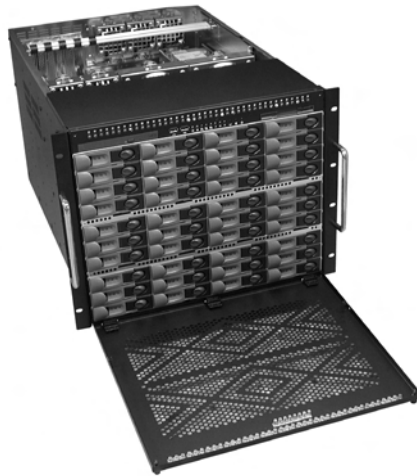
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Pentium 4, AMD 64, Dual Opteron, Quad Opteron
- **Support EATX M/B (Max. to 13" x 16") SSI EEB 3.0 With Removable Drawer (800ATXR)**
- **Support 20-slot Passive Backplane With Removable Drawer (820SR)**
- **Drive Capacity:** 7x 5.25" & 1x 3.5"
- **Power Supply (Optional):** PS/2 Size Single up to 700W or Vertical Redundant up to 550W or Mini Redundant up to 500W ATX P/S (Rear Installation)
- **Cooling:** Hot Swappable 4x(9cm) Fans(51CFM ea.) & 1x(12cm) Fan (108CFM) with Removable Air Filter
- **Front Door:** Single Door With Keylock
- **Air Filter:** Inside Front Door (Washable)
- **Thermal Management Card:** GHA-CO01
- **Indicators:** LEDs for Power ON/OFF, HDD Active, Fan, Temperature
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (W x H x D):** 483(W)x356(H)x510(D)mm(19"x16.5"x18.2")
- **Cuft:** 7.4
- **GW:** 30.5kgs / 67.3lbs
- **Carton Size(cm):** 60.5x50.5x68.5(23.8"x19.9"x27.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-891

8U Rackmount Chassis

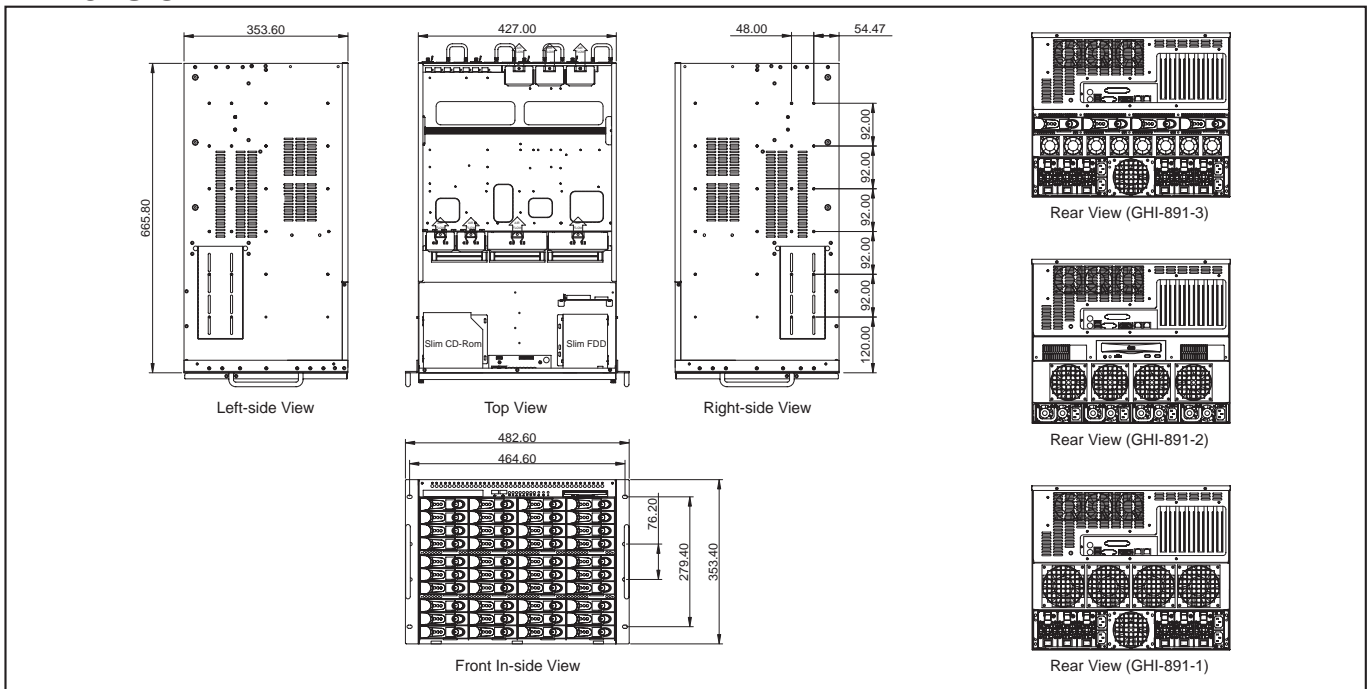


19" Rackmount

Specifications

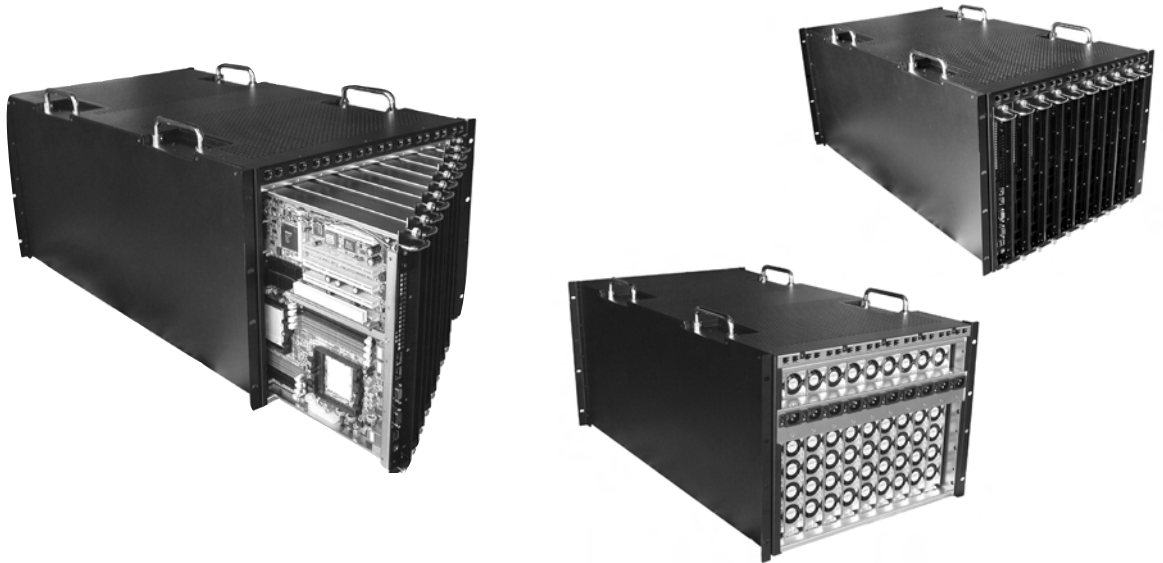
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Pentium 4, Dual Xeon, Athlon 64, Dual Opteron
- **Support EATX M/B (Max. to 13" x 16") SSI EEB 3.0**
- **Drive Capacity:** (GHI-891-1): 1x Slim CD-ROM & 1x Slim FDD & 40x 3.5" Swappable Trays
- **Drive Capacity:** (GHI-891-2): 1x Slim CD-ROM & 1x Slim FDD & 40x 3.5" Swappable Trays & 1x5.25"CD-ROM & 2x 3.5"HDD
- **Drive Capacity:** (GHI-891-3): 1x Slim CD-ROM & 1x Slim FDD & 44x 3.5" Swappable Trays
- **Drive Interface:** SATA, SCSI320 , Multilane SATA or SAS
- **Power Supply(Optional):** 2U Single up to 700W or 2U Redundant up to 600W or N+1 up to 950W or 1U Redundant up to 1650W ATX P/S (Rear Installation) Max. Depth 300mm
- **Cooling:** (GHI-891-1): 5x(60mm=23.5CFM ea.) & 1x (80mm=42.5CFM ea.) & 4x (90mm=51.0CFM ea.) & 5x (120mm=90.0CFM ea.) Fan
- **Cooling:** (GHI-891-2): 5x(60mm=23.5CFM ea.) & 4x (80mm=42.5CFM ea.) & 2x (90mm=51.0CFM ea.) & 5x (120mm=90.0CFM ea.) Fan
- **Cooling:** (GHI-891-3): 8x (40mm=7.0CFM ea.) & 5x(60mm=23.5CFM ea.) & 1x (80mm=42.5CFM ea.) & 5x (120mm=90.0CFM ea.) Fan
- **Front Door:** Single Door With 2 Thumbscrews (Removable)
- **Connector Port (Front):** 2x USB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF , HDD Activity, Fan, Temperature, LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (W x H x D):** 483 x 354 x 666mm (19" x 13.9" x 26.2")
- **Cuft:** 9.1
- **GW:** 40.9 kgs / 90.2 lbs
- **Carton Size(cm):** 85.0 x 49.4 x 61.5 (33.5" x 19.5" x 26.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHI-P01

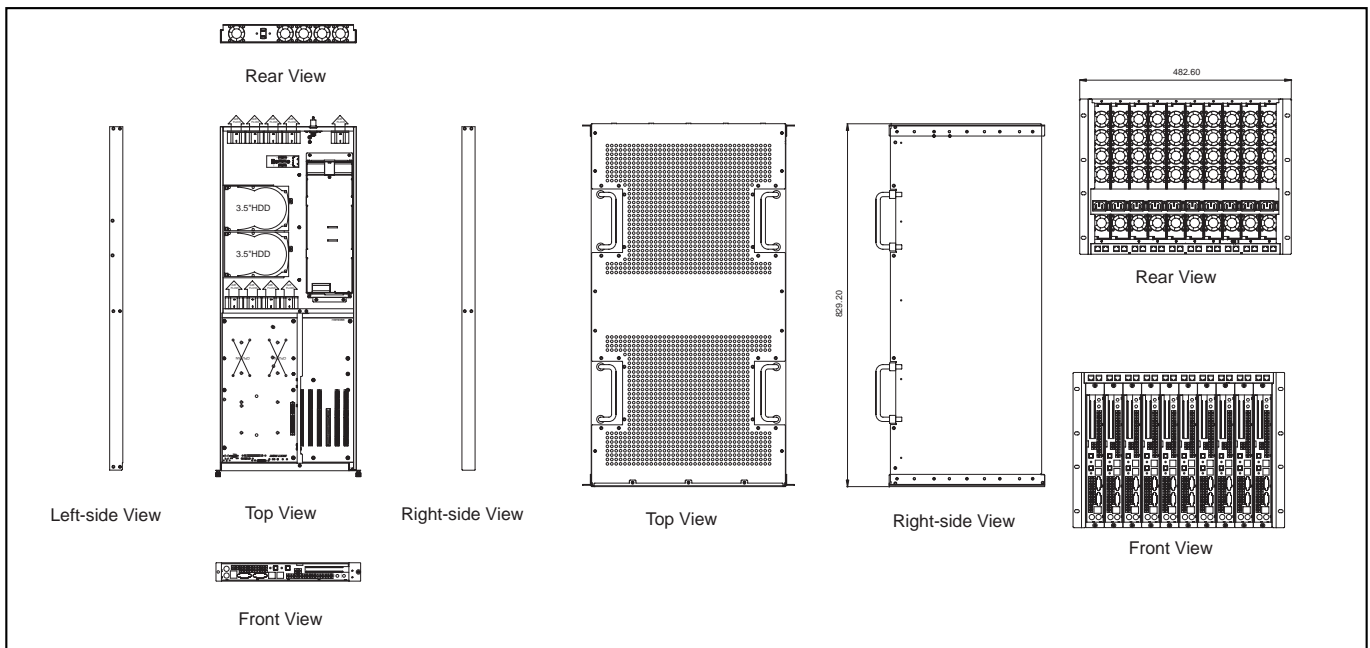
8U Rackmount Chassis



Specifications

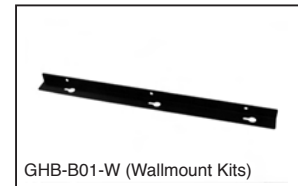
- **Meet 19" 8U Height Rack-mount Enclosure with 10 x 1U Nodes**
- **Constructions:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **System Boards:** Dual Xeon, Dual Opteron, Dual Athlon, Pentium 4 800FSB, Dual Pentium III
- **Support ATX M/B (Max. to 12" x 13") With Removable Drawer**
- **Drive Capacity:** 2x3.5"HDD Per Node.(Total 10 nodes = 20xHDD)
- **Power Supply (Optional):** 1U Single up to 460W ATX P/S Per Node (Mid Installation) Max. Depth 300mm
- **Cooling:** 8x (40x28mm = 15.3CFM ea.) Fans & 1x (40x20mm = 8CFM ea.) Fan Per Node
- **Expansion Slots:** 1x Horizontal PCI Slot Per Node.
- **Additional Expansion:** 10 x RJ45 Patch Panel or 20 x RJ45 Patch Panel(Optional)
- **Indicators:** LEDs for Power ON/OFF Momentary (Square Pushbutton), HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions(WxHxD):** 483x355x830mm(19"x14.0" x 32.7")
- **Cuft:** 14
- **GW:** 71.3kgs / 157.2lb
- **Carton Size(cm):** 105.5x70.5x53.6(41.5"x27.6" x 21.1")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-B01

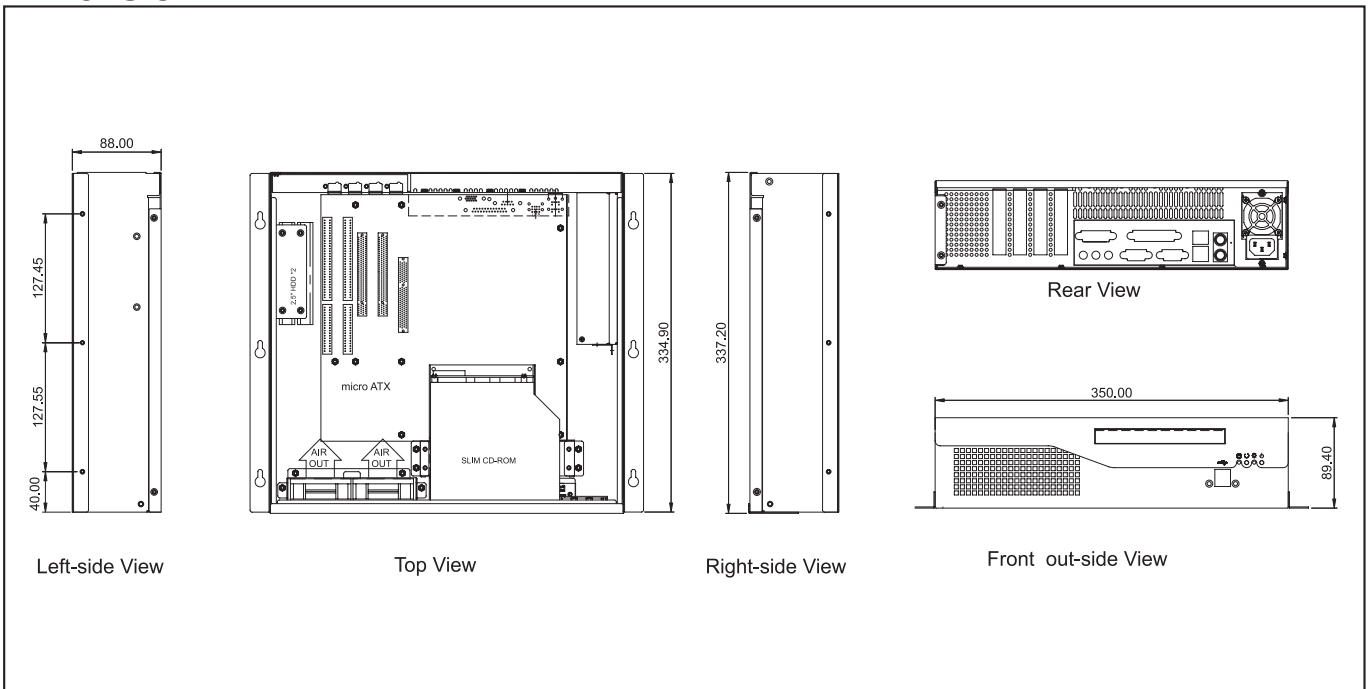
4-Slot Micro Box Chassis



Specifications

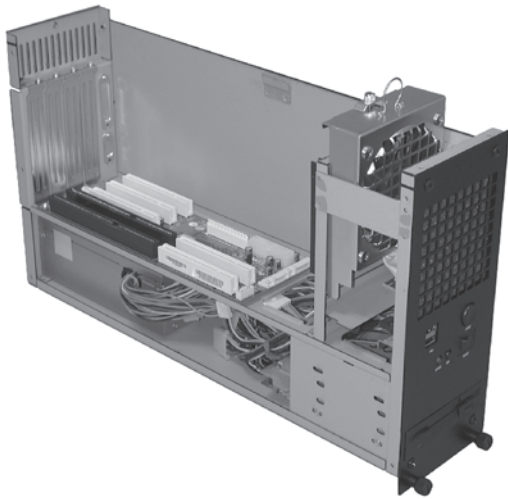
- **Mounting:** Rack Mount or Wall Mount or Desktop
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support Micro ATX (Max. to 9.6" x9.6")**
- **Drive Capacity :** 1xSlim CD-ROM & 2x2.5"HDD
- **Power Supply(Optional):** 1U Single 150~300W ATX PSU
- **Cooling:** 2x(60mm = 23.5CFM ea.) Fans
- **Expansion Slots:** 4 Slot
- **Connector Port (Front):** 2x USB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 350 x 89 x 337mm (13.8" x 3.5" x 13.3")
- **Cuft:** 1.6
- **GW:** 5.8 kgs / 12.8 lbs
- **Carton Size(cm):** 46.0 x 22.0 x 45.0 (18.1" x 8.7" x 17.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-B04

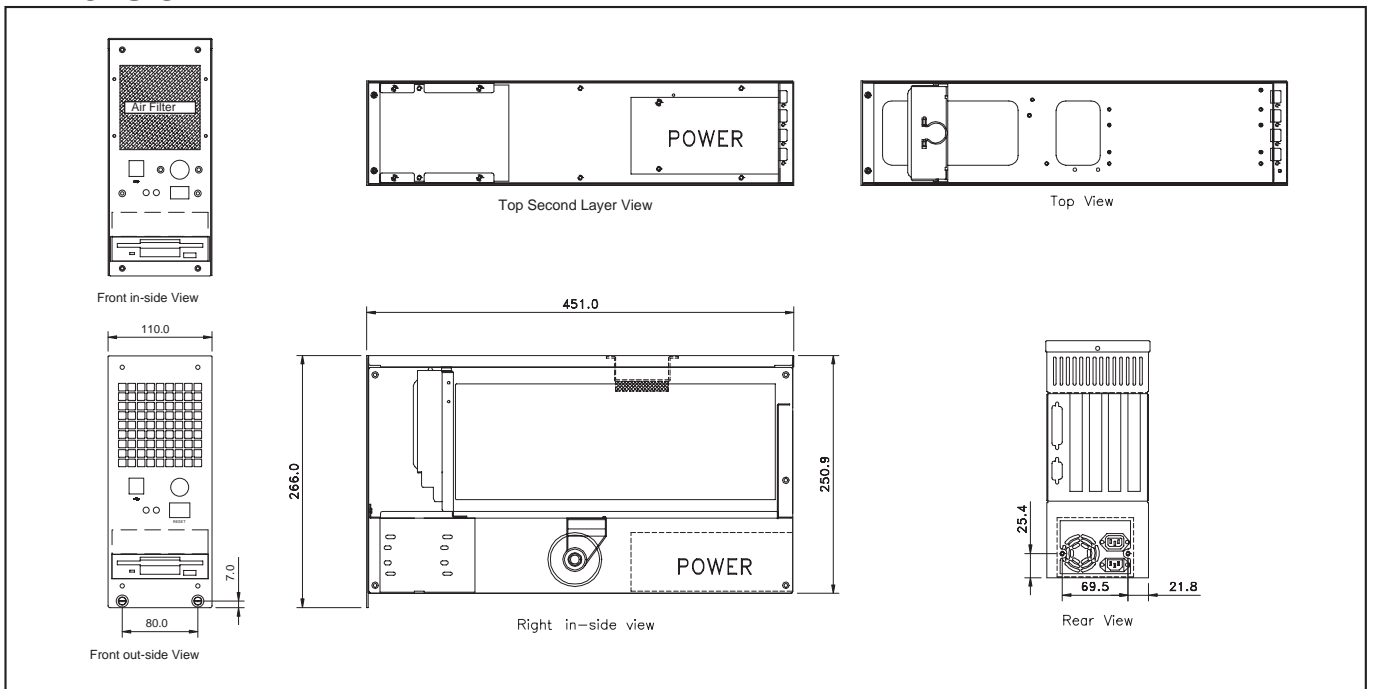
6U-1/4 Rackmount Chassis



Specifications

- **Mounting:** Rack Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support 4-slot Passive Backplane**
- **Drive Capacity:** 1x3.5" & 1x3.5"HDD
- **Power Supply(Optional):** Special Size 150W P/S (Rear Installation)
- **Cooling:** Hot Swappable 1x(92mm = 51CFM ea.) Fan
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port(Front):** 2 x USB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (WxHxD):** 110x267x451mm(4.3"x10.5"x17.8")
- **Cuft:** 1.5
- **GW:** 7.0kgs / 15.4lbs
- **Carton Size(cm):** 57.0 x 20.0 x 36.4(22.4" x 7.9" x 14.3")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-B05

2-Slot Micro Box Chassis



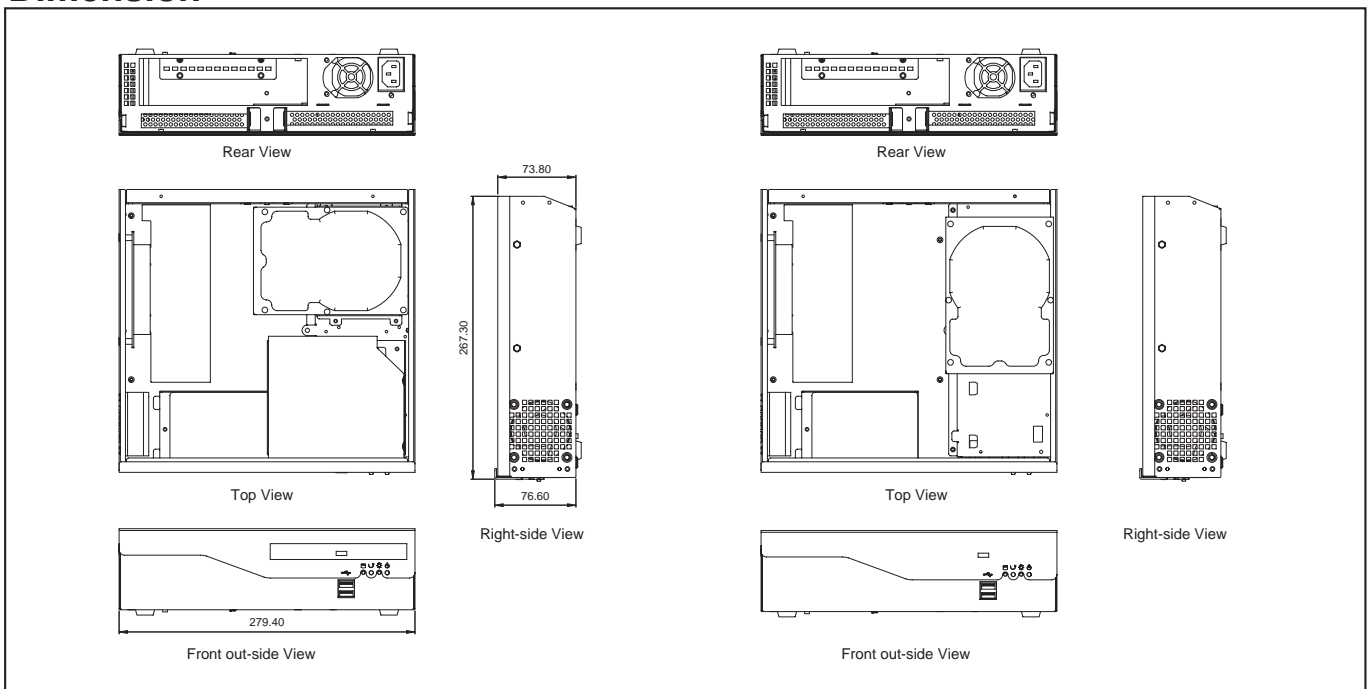
GHB-B05-R (Rackmount Kits)

GHB-B05-W (Wallmount Kits)

Specifications

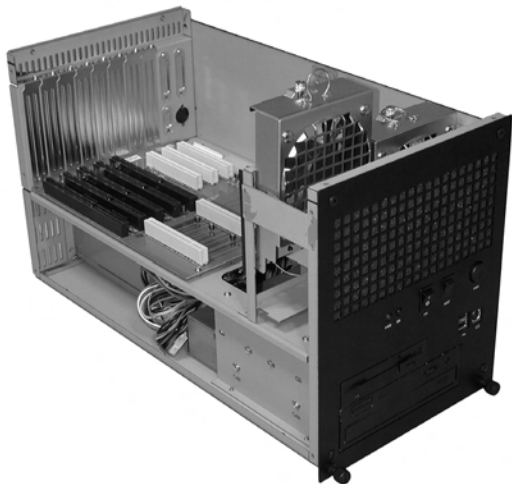
- **Mounting:** Rack Mount or Wall Mount or Desktop
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support Mini-ITX M/B (Max. to 6.7" x 6.7")**
- **Drive Capacity**
 - B05-1: 1xSlim CD-ROM & 4x2.5"HDD
 - B05-2: 1xSlim CD-ROM& 1x3.5"HDD&2x2.5"HDD
 - B05-3: 8x2.5"HDD
 - B05-4: 2x2.5"HDD & 1x3.5"HDD
 - B05-5: 2x2.5"HDD & 2x3.5"HDD
- **Power Supply(Optional):** Flex ATX up to 250W P/S (Rear Installation) Max. Depth 150mm
- **Cooling:** 1x(60mm = 23.5CFM ea.) Fan
- **Expansion Slots:** 2 PCI Slot
- **Riser Card:** GHP-PCI106H (Optional)
- **Connector Port (Front):** 2x USB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 280 x 77 x 268mm (11" x 3" x 10.6")
- **Cuft:** 0.8
- **GW:** 3.4 kgs / 7.5 lbs
- **Carton Size(cm):**37.3 x 17.5 x 36.3(14.7" x 6.9" x 14.3")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-B08

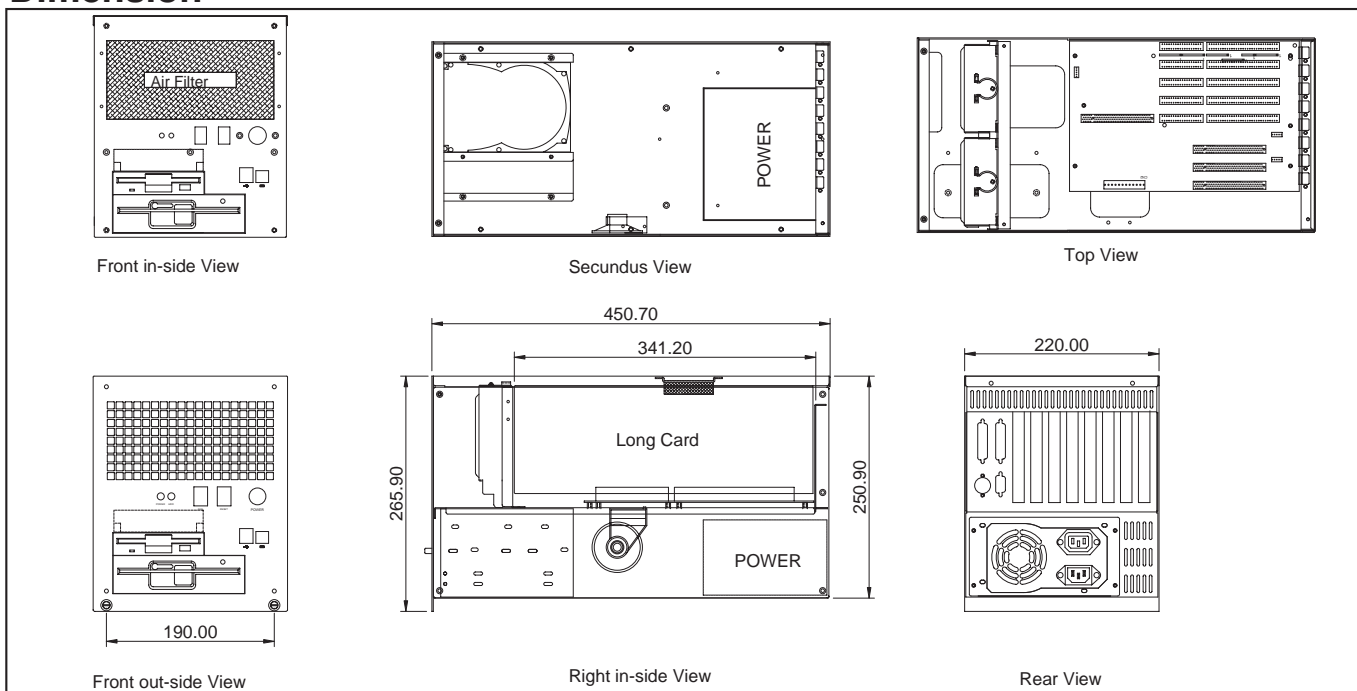
6U-1/2 Rackmount Chassis



Specifications

- **Mounting:** Rack Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support 8-slot Passive Backplane**
- **Drive Capacity:** 1x5.25" & 1x3.5" & 1x3.5"HDD
- **Power Supply(Optional):** PS/2 Size Single 250~400W or Redundant 230~250W P/S(Rear Installation)
- **Connector Port (Front):** 1x PS/2 Port & 2x USB Port
- **Cooling:** Hot Swappable 2x(9cm) Fans(51CFM ea.)
- **Air Filter:** Inside Front Panel (Washable)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 220 x 266 x 451mm (4.3" x 10.5" x 17.8")
- **Cuft:** 2.3
- **GW:** 10.0kgs / 22.1lbs
- **Carton Size(cm):** 57.0 x 31.2 x 36.4 (22.4" x 12.3" x 14.3")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-042

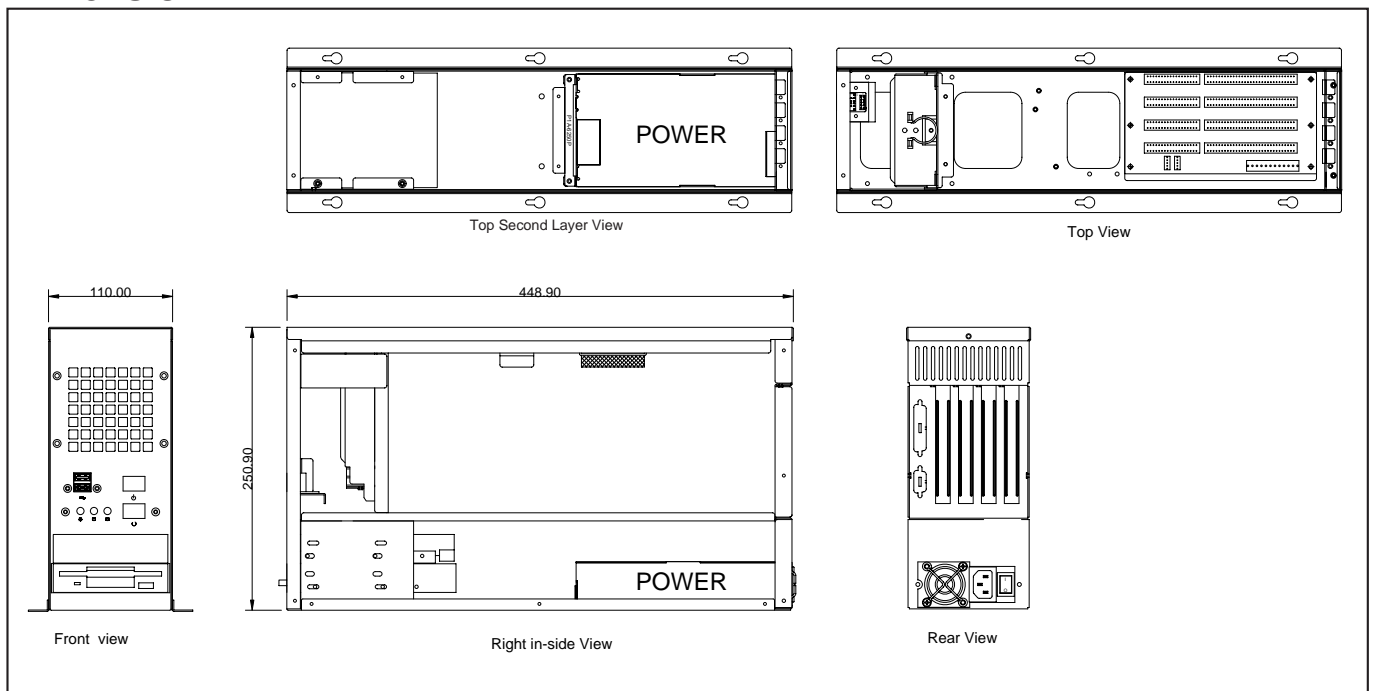
4-slot Micro Box Chassis



Specifications

- **Mounting:** Desktop or Wall Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Supports 4-slot Passive Backplane**
- **Drive Capacity:** 1x 3.5" & 1x 3.5"HDD
- **Power Supply (Optional):** 1U Single up to 300W ATX P/S (Rear Installation) Max. Depth 205mm
- **Connector Port (Front):** 2x USB Ports
- **Cooling:** Hot Swappable 1x (92mm = 51CFM) Fan
- **Air Filter:** Inside Front Panel (Washable)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions(WxHxD):** 110x251x449mm(4.3"x9.9"x 17.7")
- **Cuft:** 1.5
- **GW:** 7.0kgs / 15.4lbs
- **Carton Size(cm):** 57 x 20 x 36.4 (22.4" x 7.9" x 14.3")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-043

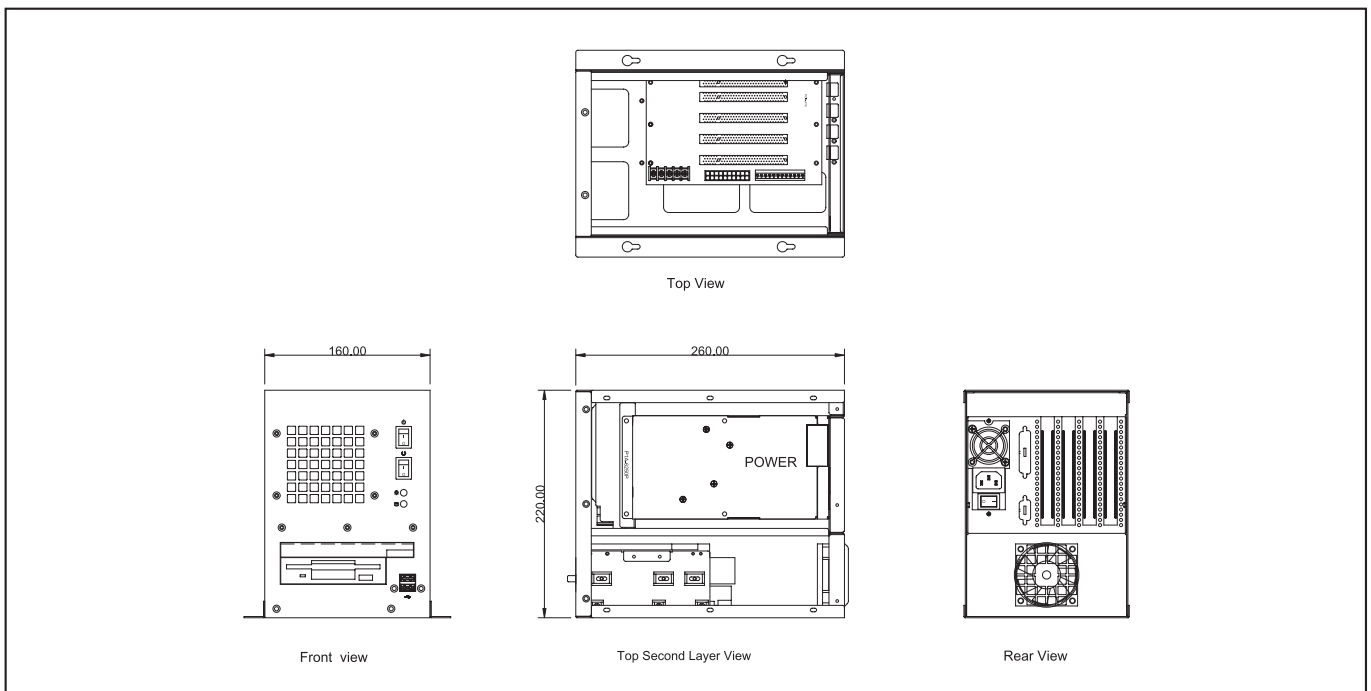
4-slot Micro Box Chassis



Specifications

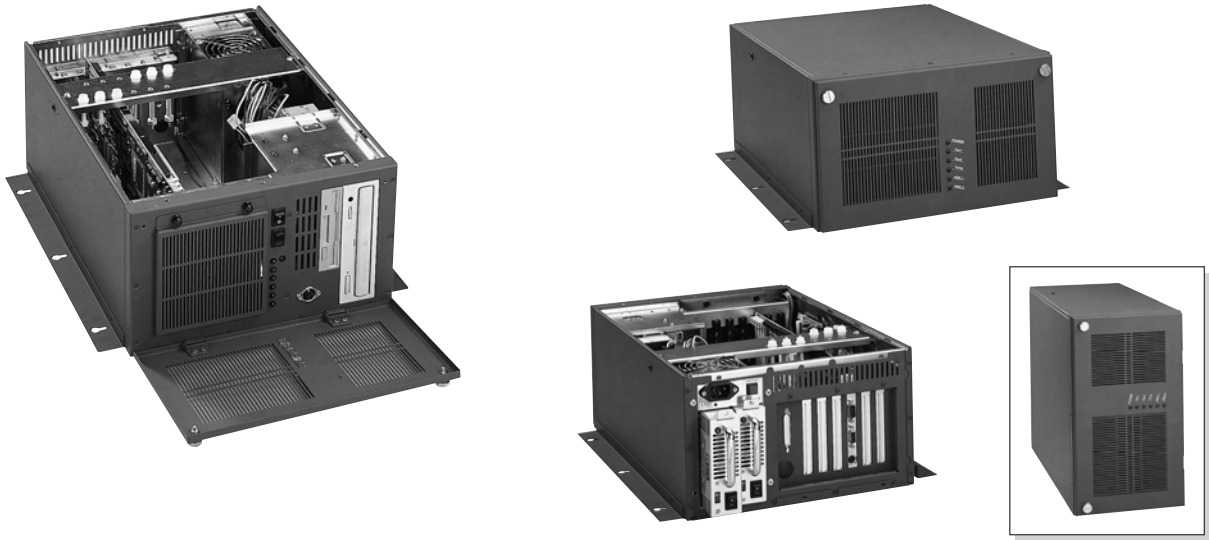
- **Mounting:** Desktop or Wall Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Supports 4-slot Passive Backplane**
- **Drive Capacity:** 1x 3.5" HDD & 1x 3.5" FDD & 1x 5.25" Slim CD-ROM
- **Power Supply (Optional):** 1U Single up to 300W ATX P/S
- **Connector Port (Front):** 2xUSB Ports
- **Cooling:** 1x (92mm = 51CFM) Hot Swappable Fan & 1x (60mm = 23.5CFM) Fan
- **Air Filter:** Inside Front Panel (Washable)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 160 x 220 x 260mm (6.3" x 8.6" x 10.2")
- **Cuft:** 0.9
- **GW:** 5.0kgs / 11lbs
- **Carton Size(cm):** 23.0x 29.0 x 36.5 (9.1" x 11.4" x 14.4")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-060

6-slot Micro Box Chassis

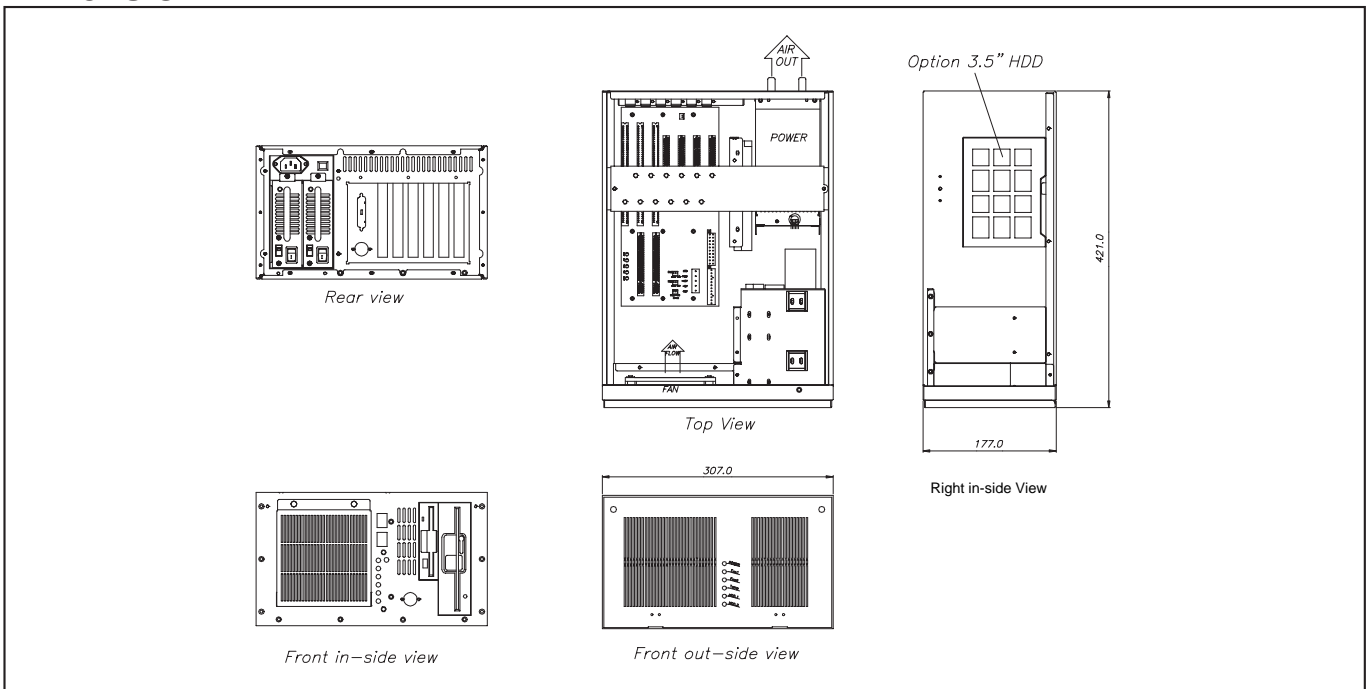


19" Rackmount

Specifications

- **Mounting:** Desktop or Wall Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support 6-slot Passive Backplane**
- **Drive Capacity:** 1x5.25" & 1x3.5"FDD & 1x3.5"HDD & 1x3.5"HDD(Optional)
- **Power Supply(Optional):** PS/2 Size Single up to 700W or Mini Redundant up to 500W ATX P/S (Rear Installation)
- **Cooling:** 1x(12cm) Fan(90CFM)
- **Front Door:** Single Door With 2 Thumbscrews
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port (Front):** 1x PS/2 Port
- **Thermal Management Card:** GHA-CO01
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF, System Reset, Buzzer Reset
- **Dimensions(WxHxD):** 307x177x421mm(12" x 7.0" x 16.6")
- **Cuft:** 2.9
- **GW:** 12.0kgs / 26.5lbs
- **Carton Size(cm):** 45.5 x 32.4 x 55.8 (17.9" x 12.8" x 22.0")
- **Humidity:** 5% - 95% Non-condensin

Dimension



GHB-061

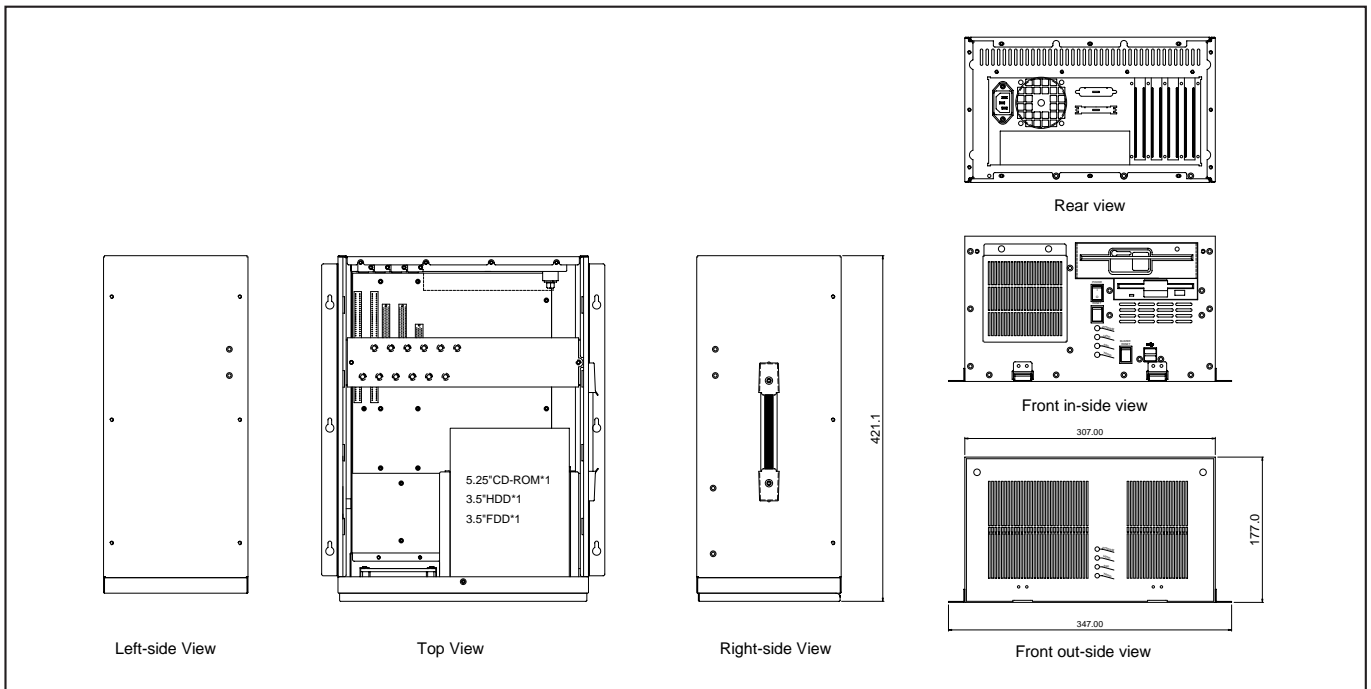
6-slot Micro Box Chassis



Specifications

- **Mounting:** Desktop or Wall Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support Flex ATX M/B and Micro ATX M/B**
- **Drive Capacity:** 1x5.25" & 1x3.5" & 1x3.5"HDD
- **Power Supply(Optional):** 1U Single 250~300W ATX P/S (Mid Installation)
- **Cooling:** 1x(9cm) Fan(51CFM)
- **Front Door:** Single Door With 2 Thumbscrews
- **With Portable Handle**
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port(Front):** 2xUSB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF, System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 307x177x421mm(12" x 7.0" x16.6")
- **Cuft:** 2.9
- **GW:** 12.0kgs / 26.5lbs
- **Carton Size(cm):** 45.5x32.4x55.8 (17.9"x12.8"x 22.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-062-6

6-slot Micro Box Chassis

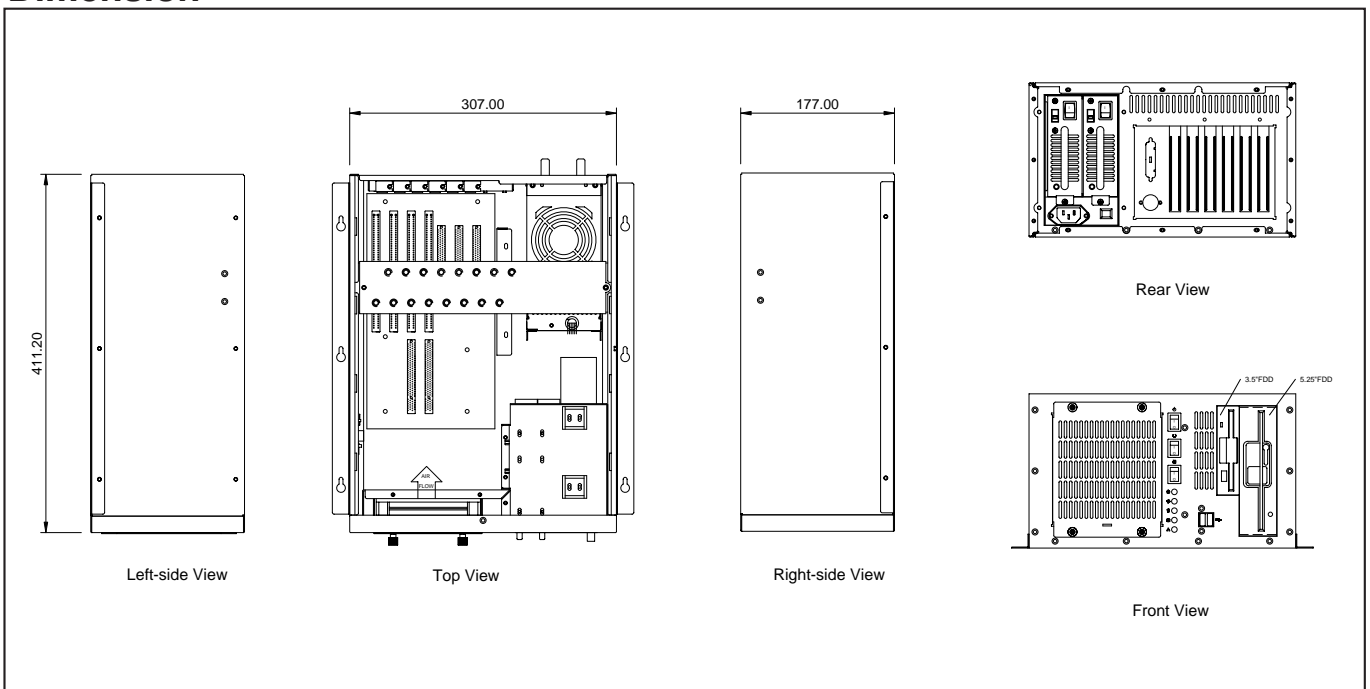


19" Rackmount

Specifications

- **Mounting:** Desktop or Wall Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Supports 6-slot Passive Backplane**
- **Drive Capacity:** 1x 5.25", 1x 3.5" HDD, 1x 3.5" FDD, & 1x 3.5" HDD (Optional)
- **Power Supply (Optional):** PS/2 Size Single or Mini
Redundant up to 500W ATX P/S
- **Cooling:** 1x (120mm = 90CFM) Fan
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port (Front):** 2x USB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 307x177x412 mm(12"x7.0"x16.2")
- **Cuft:** 2.9
- **GW:** 12.0kgs / 26.5lbs
- **Carton Size(cm):** 45.5 x 32.4 x 55.8 (17.9" x 12.8" x 22.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-062-8

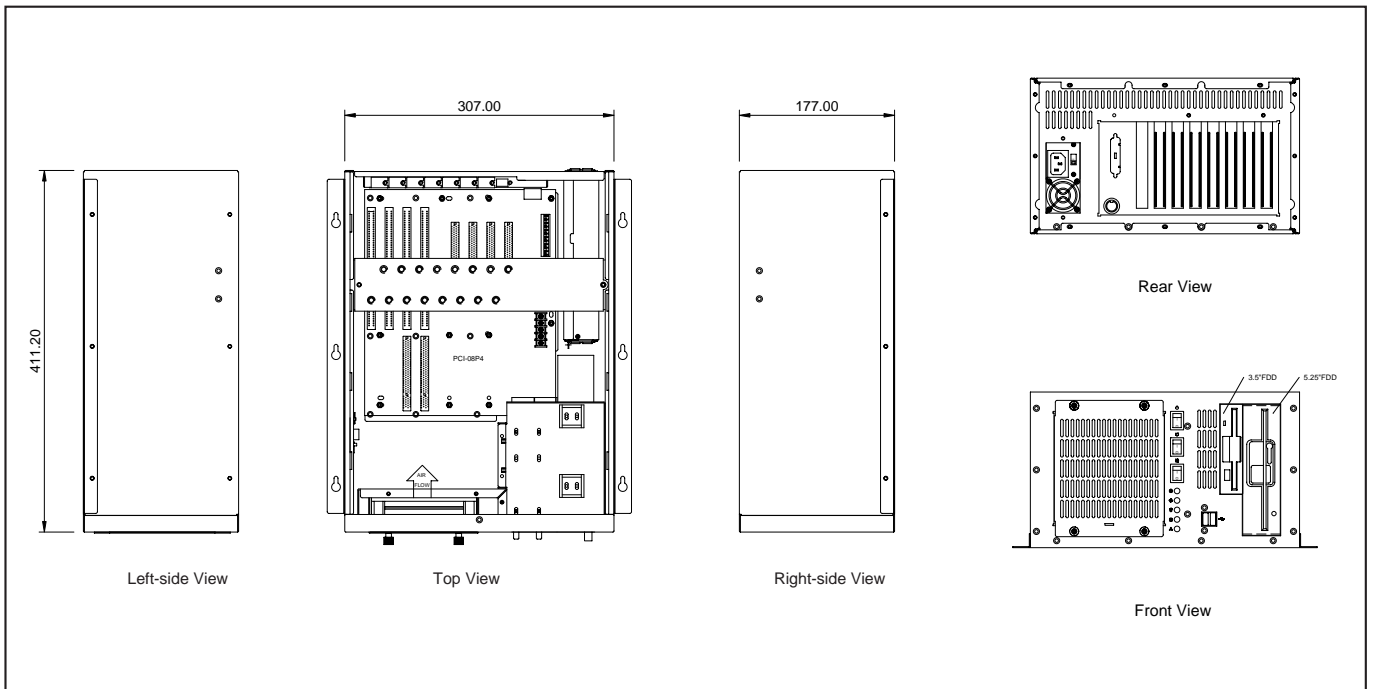
8-slot Micro Box Chassis



Specifications

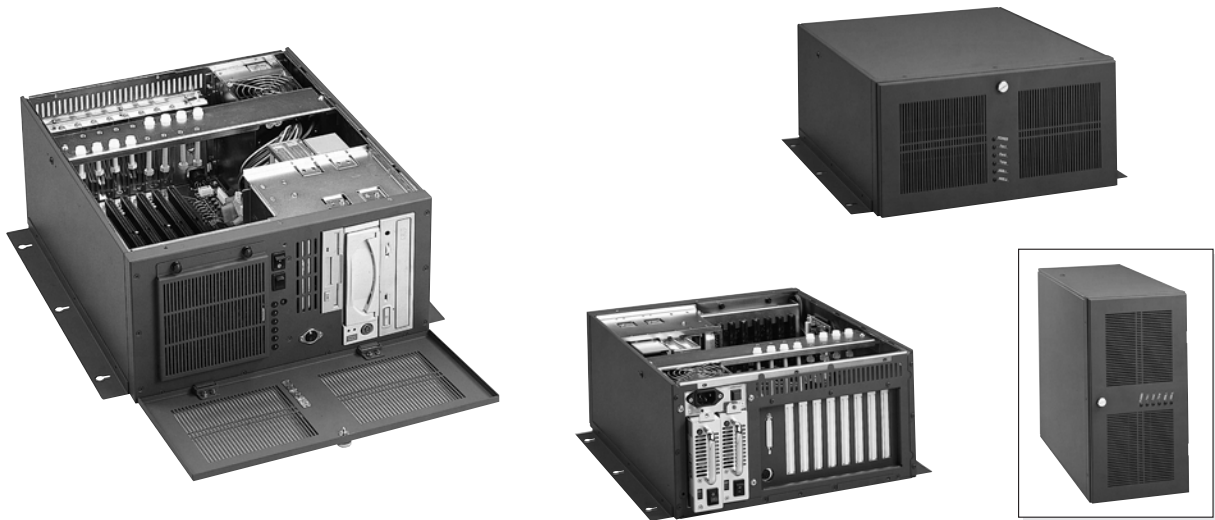
- **Mounting:** Desktop or Wall Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Supports 8-slot Passive Backplane**
- **Drive Capacity:** 1x 5.25" & 1x 3.5" FDD & 1x 3.5" HDD
- **Power Supply (Optional):** 1U Single up to 350W ATX P/S (Rear Installation) Max. Depth 225mm
- **Cooling:** 1x(12cm) Fan(90CFM)
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port (Front):** 2x USB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset, Buzzer Reset
- **Dimensions(WxHxD):** 307x177x412 mm(12"x7.0"x16.2")
- **Cuft:** 2.9
- **GW:** 12.0kgs / 26.5lbs
- **Carton Size(cm):** 45.5 x 32.4 x 55.8 (17.9" x 12.8" x 22.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-080

8-slot Micro Box Chassis

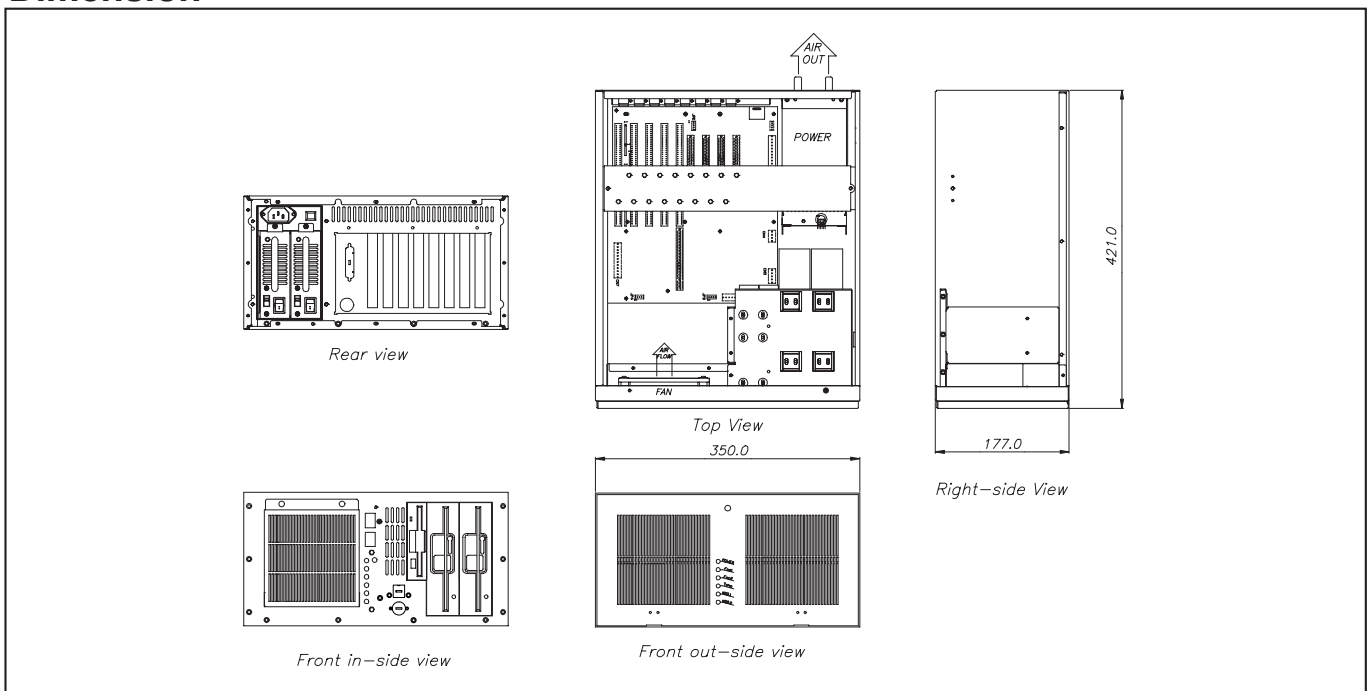


19" Rackmount

Specifications

- **Mounting:** Desktop or Wall Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support 8-slot Passive Backplane**
- **Drive Capacity:** 2x5.25" & 1x3.5" & 1x3.5"HDD
- **Power Supply(Optional):** PS/2 Size Single 250~400W or Redundant 230~400W P/S(Rear Installation) Max. Depth 225mm
- **Cooling:** 1x(12cm) Fan(90CFM)
- **Front Door:** Single Door With 1 Thumbscrew
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port (Front):** 1x PS/2 Port or 2 X USB Ports (Optional)
- **Thermal Management Card:** GHA-CO01
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF, System Reset, Buzzer Reset
- **Dimensions(WxHxD):** 350x177x421mm(13.8" x 7.0" x 16.6")
- **Cuft:** 3.1
- **GW:** 15.0kgs / 33.1lbs
- **Carton Size(cm):** 49.0 x 32.4 x 55.8(19.3" x 12.8" x 22.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-082-8

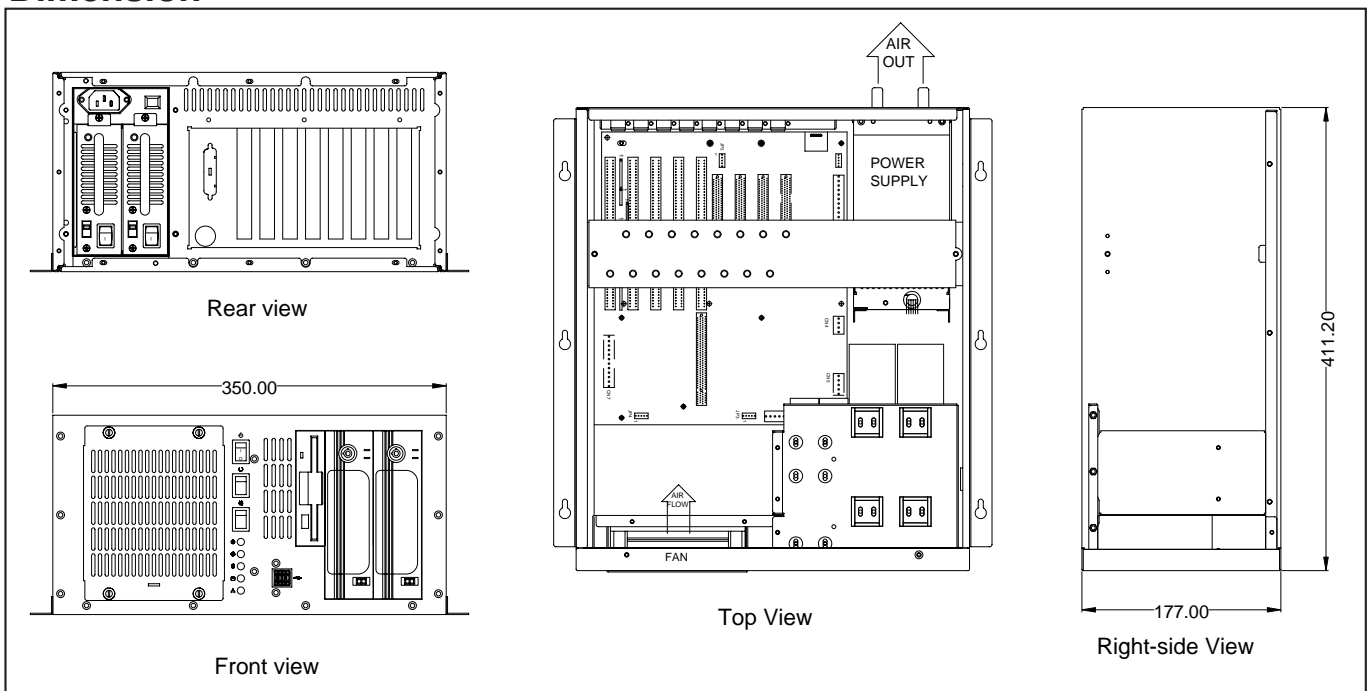
8-slot Micro Box Chassis



Specifications

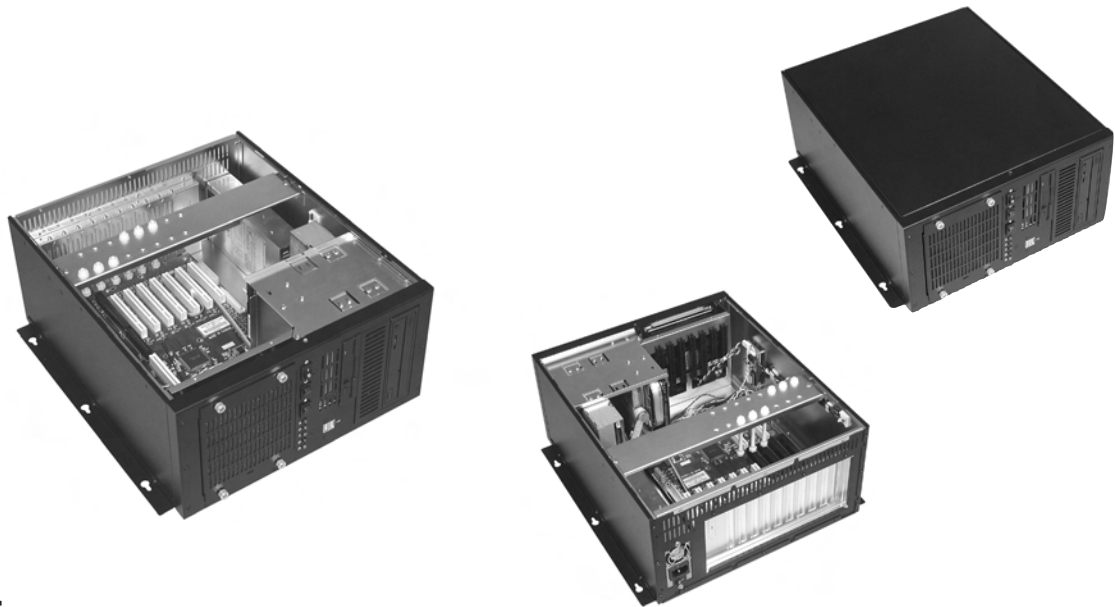
- **Mounting:** Desktop or Wall Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support 8-slot Passive Backplane**
- **Drive Capacity:** 2x5.25" & 1x3.5" & 1x3.5"HDD
- **Power Supply(Optional):** PS/2 Size Single 250~400W or Redundant 230~400W P/S(Rear Installation) Max. Depth 225mm
- **Cooling:** 1x(12cm) Fan(90CFM)
- **Without Front Door.**
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port (Front):** 2x USB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature, LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF, System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 350x177x411mm(13.8"x7.0"x16.2")
- **Cuft:** 3.1
- **GW:** 15.0kgs / 33.1lbs
- **Carton Size(cm):** 49.0 x 32.4 x 55.8(19.3" x 12.8" x 22.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-082-10

10-slot Micro Box Chassis

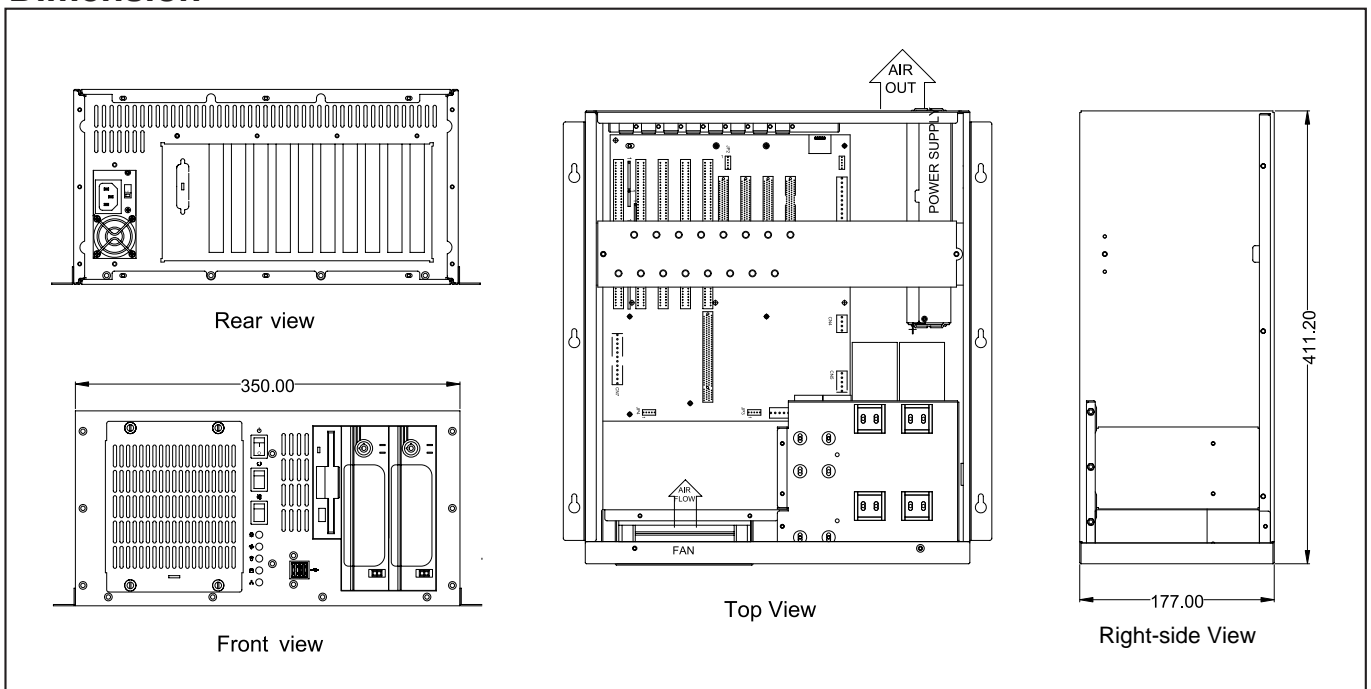


19" Rackmount

Specifications

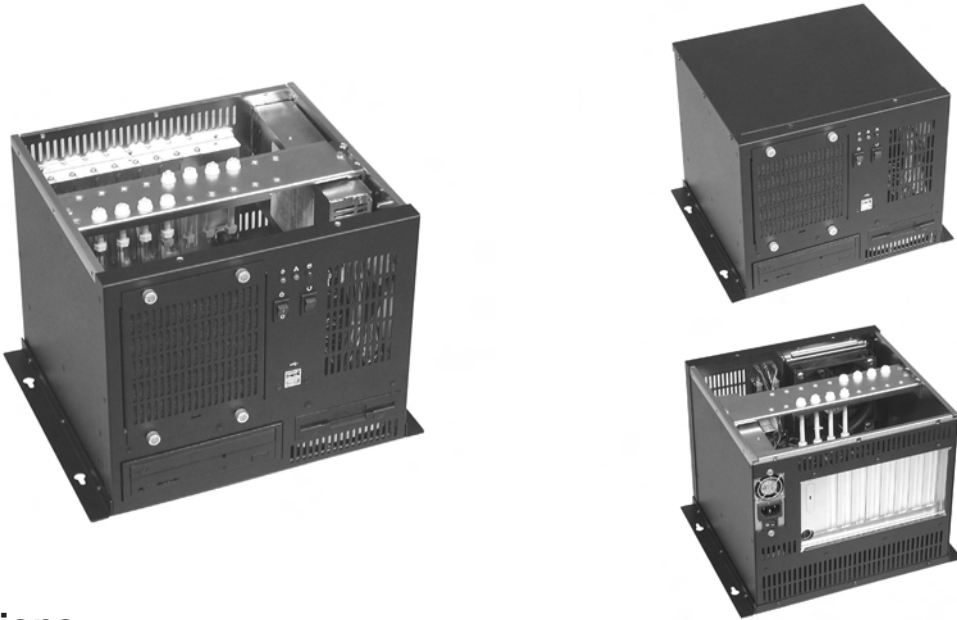
- **Mounting:** Desktop or Wall Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support 10-slot Passive Backplane**
- **Drive Capacity:** 1x5.25" & 1x3.5" & 1x3.5"HDD
- **Power Supply(Optional):** 1U Size Single 250~400W P/S
- **Cooling:** 1x(12cm) Fan(90CFM)
- **Without Front Door.**
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port (Front):** 2x USB Ports
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature, LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF, System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 350x177x411mm(13.8"x7.0"x16.2")
- **Cuft:** 3.1
- **GW:** 15.0kgs / 33.1lbs
- **Carton Size(cm):** 49.0 x 32.4 x 55.8(19.3" x 12.8" x 22.0")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-083-8

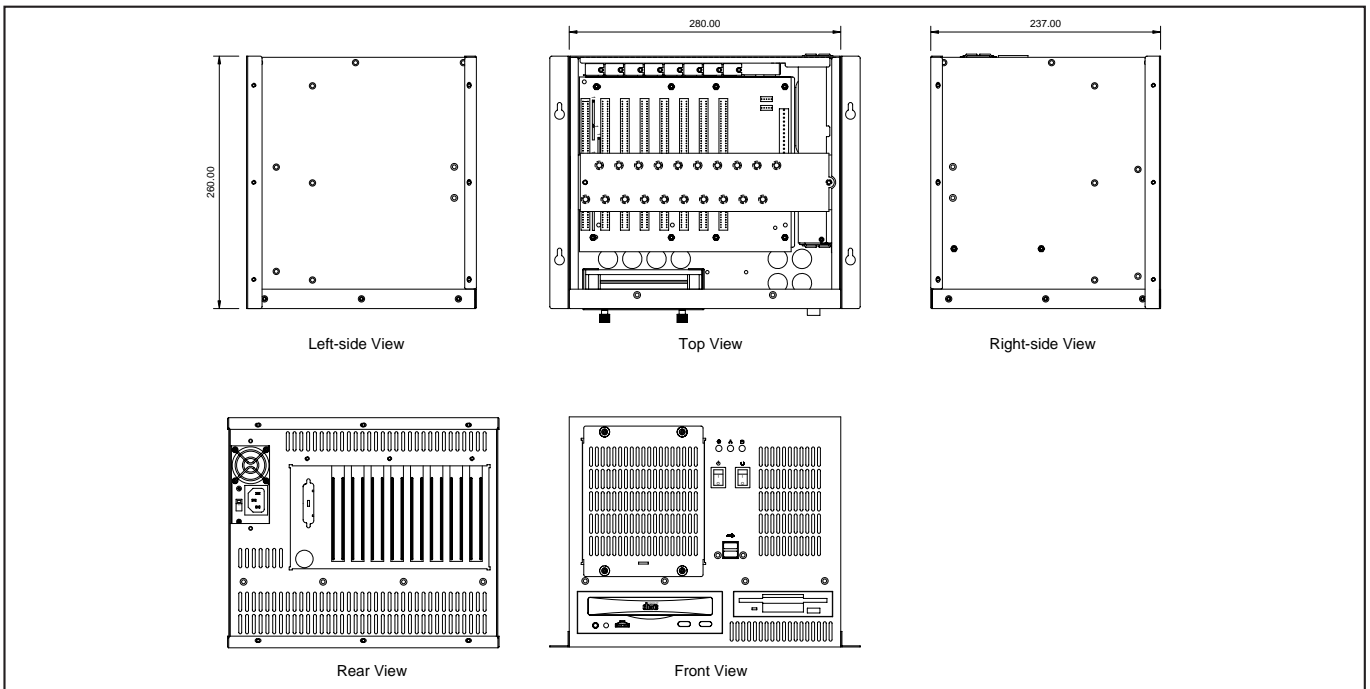
8-slot Micro Box Chassis



Specifications

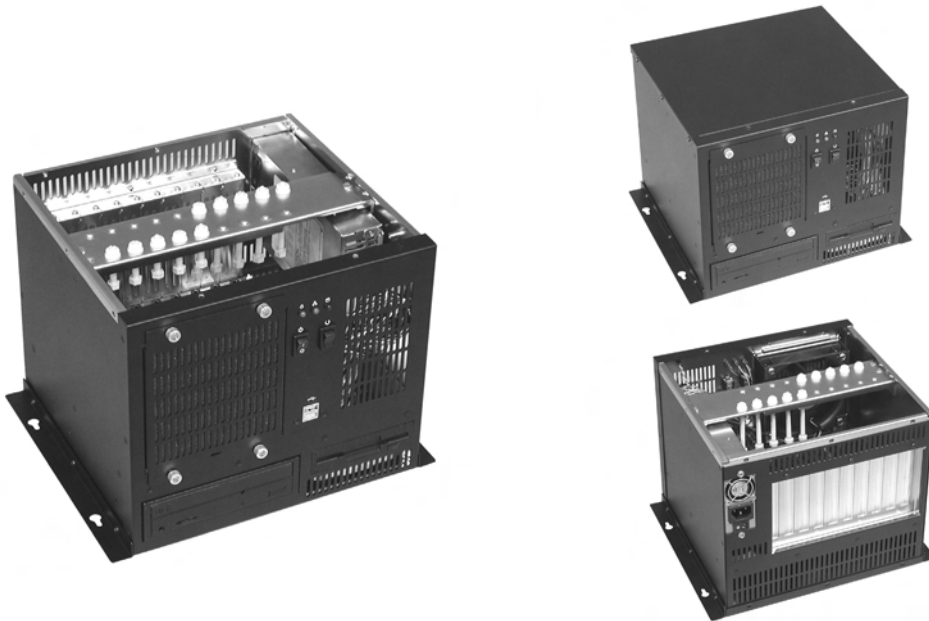
- **Mounting:** Desktop or Wall Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support 8-slot Passive Backplane**
- **Drive Capacity:** 1x5.25" & 1x3.5" & 1x3.5"HDD
- **Power Supply(Optional):** 1U 200~300W P/S
- **Cooling:** 1x(12cm) Fan(90CFM)
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port (Front):** 2x USB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (WxHxD):** 280x237x260mm (11"x9.3"x10.2")
- **Cuft:** 2.3
- **GW:** 15.0kgs / 33.1lbs
- **Carton Size(cm):** 42.0x38.0x40.0(16.5"x15.0"x15.8")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-083-10

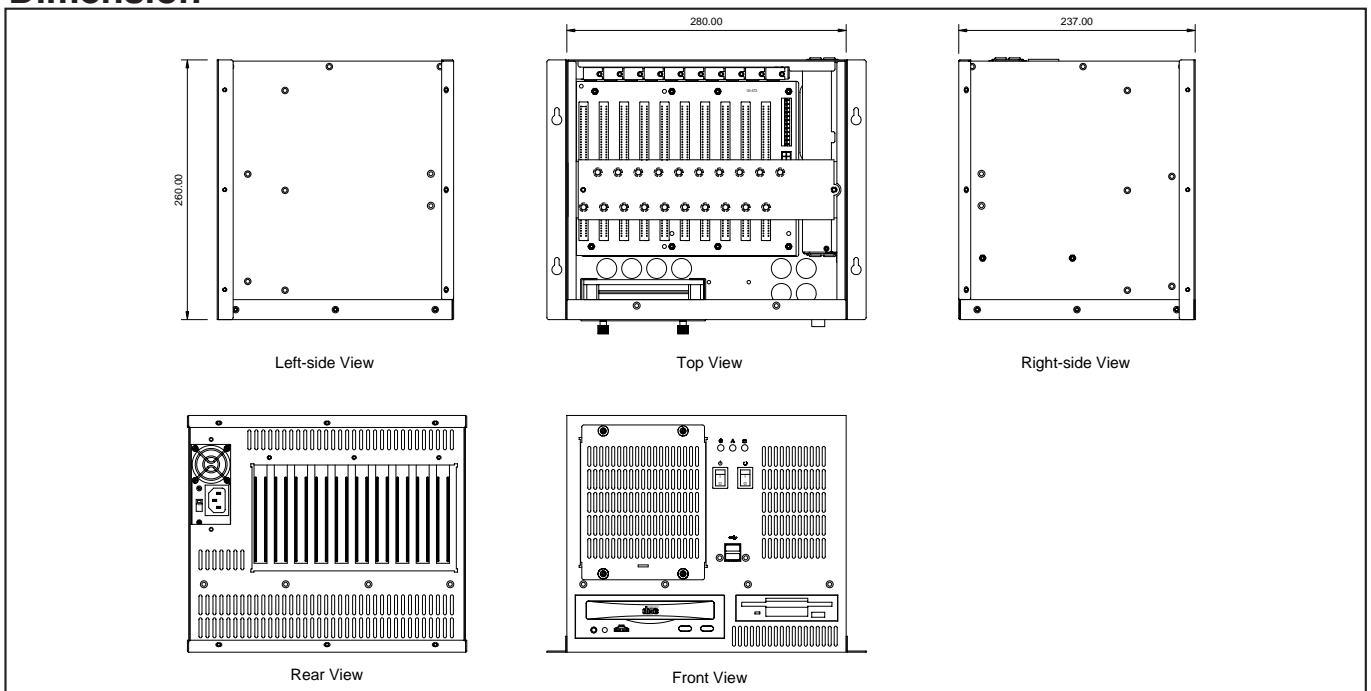
10-slot Micro Box Chassis



Specifications

- **Mounting:** Desktop or Wall Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support 10-slot Passive Backplane**
- **Drive Capacity:** 1x5.25" & 1x3.5" & 1x3.5"HDD
- **Power Supply(Optional):** 1U 200~300W P/S
- **Cooling:** 1x(12cm) Fan(90CFM)
- **Air Filter:** Inside Front Panel (Washable)
- **Connector Port (Front):** 2x USB Ports
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, LAN
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF, System Reset
- **Dimensions(WxHxD):** 280x237x260mm(11"x9.3"x10.2")
- **Cuft:** 2.3
- **GW:** 15.0kgs / 33.1lbs
- **Carton Size(cm):** 42.0x38.0x40.0(16.5"x15.0"x15.8")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHB-120ATXR/120SR

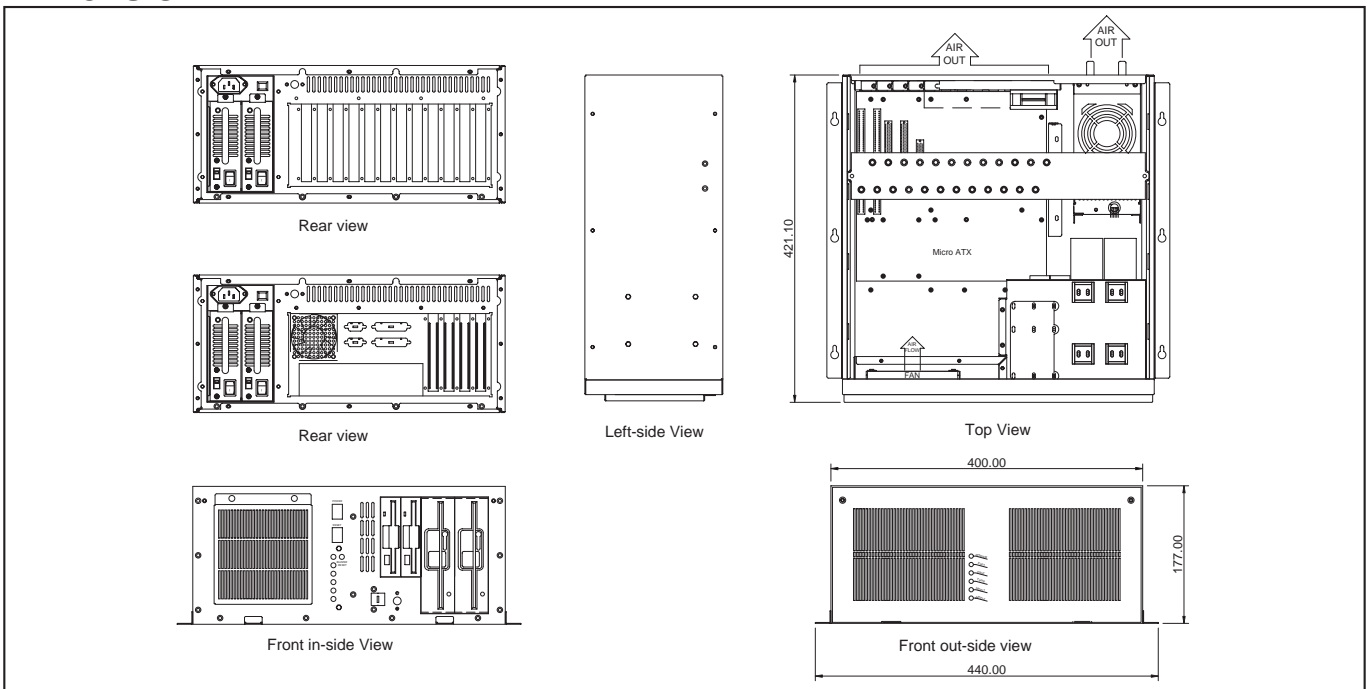
Micro Box Chassis



Specifications

- **Mounting:** Desktop or Wall Mount
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support Flex ATX M/B and Micro ATX M/B(120ATXR)**
- **Support 10/12-slot Passive Backplane(9 Full Length Card)(120SR)**
- **Drive Capacity:** 2x5.25" & 2x3.5" & 1x3.5"HDD
- **Power Supply(Optional):** PS/2 Size Single up to 400W or Redundant up to 300W ATX P/S (Rear Installation) Max. Depth 225mm
- **Cooling:** 1x(12cm) Fan(90CFM)
- **Front Door:** Single Door With 2 Thumbscrews
- **Connector Port (Front):** 2x USB Ports (Optional)
- **Air Filter:** Inside Front Panel (Washable)
- **Thermal Management Card:** GHA-CO01
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Flexible Hold Down Bar Designed**
- **Switch:** Power ON/OFF, System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 400x177x420mm(15.7"x7.0"x16.5")
- **Cuft:** 3.6
- **GW:** 15.0kgs / 33.1lbs
- **Carton Size(cm):** 56.1 x 33.0 x 54.8(22.1" x 13.0" x 21.6")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-M15/M17

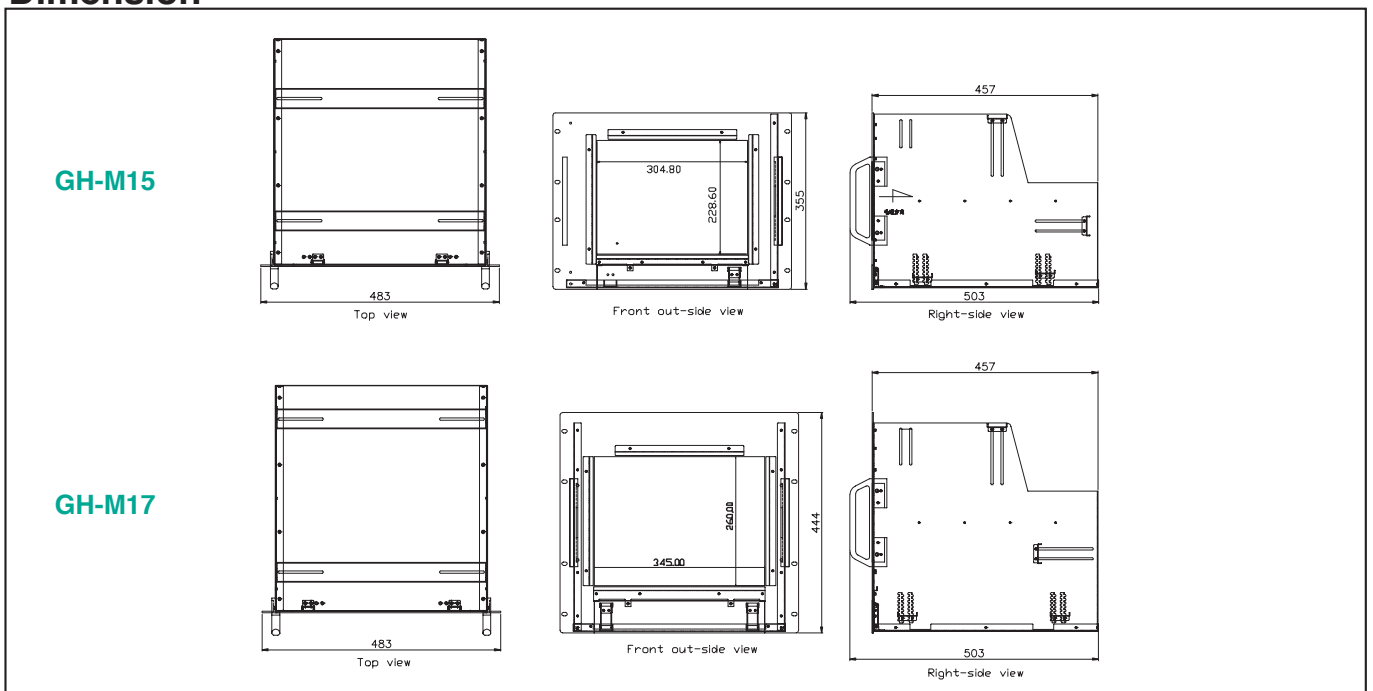
Monitor Enclosure



Specifications

- EIA RS-310C 19" Rackmount Standard
- Universal Solution for Mounting 15" (M15) or 17" (M17) Monitor
- Form Factor: GH-M15 = 8U, GH-M17 = 10U
- Color: Black (Standard), Beige or Custom
- Screen Size: 305x299mm(M15), 345x260mm(M17)
- Dimensions(WxHxD):
483x355x460mm(19"x14.0"x18.1")(M15)
483x444x460mm(19"x17.5"x18.1")(M17)
- Cuft: 2.2
- GW: 12.0kgs / 26.5 lb(M15), 13.0kgs / 28.6lbs(M17)
- Carton Size(cm): 65.4 x 15.2 x 62.4(25.8" x 6.0" x 24.6")

Dimension



GHK-M01

1U 15" LCD Monitor

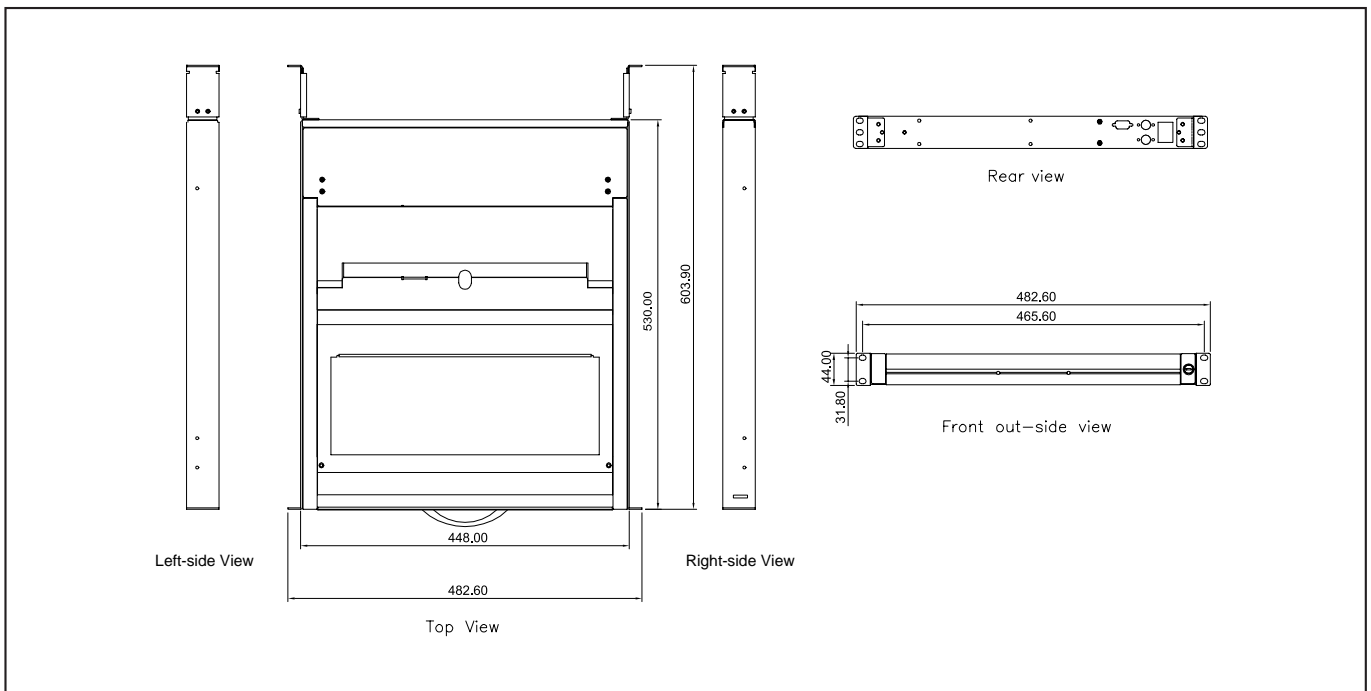
19" Rackmount



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard) or Beige
- **LCD Size:** 15" TFT with 1024x768 Resolution
- **LCD Quality:** Luminance(250 cd/m²)
- **Keyboard:** 83/84 Key with Integrated Track Ball + 2 Mouse Buttons
- **Power Supply:** 12V/48W, 100~240V Auto Ranging PSU
- **Key Lock:** Yes
- **Indicators:** LED for Power
- **Switch:** Power ON/OFF, Brightness, Contrast, Menu
- **Dimensions(WxHxD):** 483x44x530mm(19"x1.7"x20.9")
- **Cuft:** 4.1
- **GW:** 20.0kgs / 44.1lbs
- **Carton Size(cm):** 75.1x23.3x67.0(29.6"x9.2"x26.4")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHK-M02

1U 15" LCD Monitor with 8-ports KVM

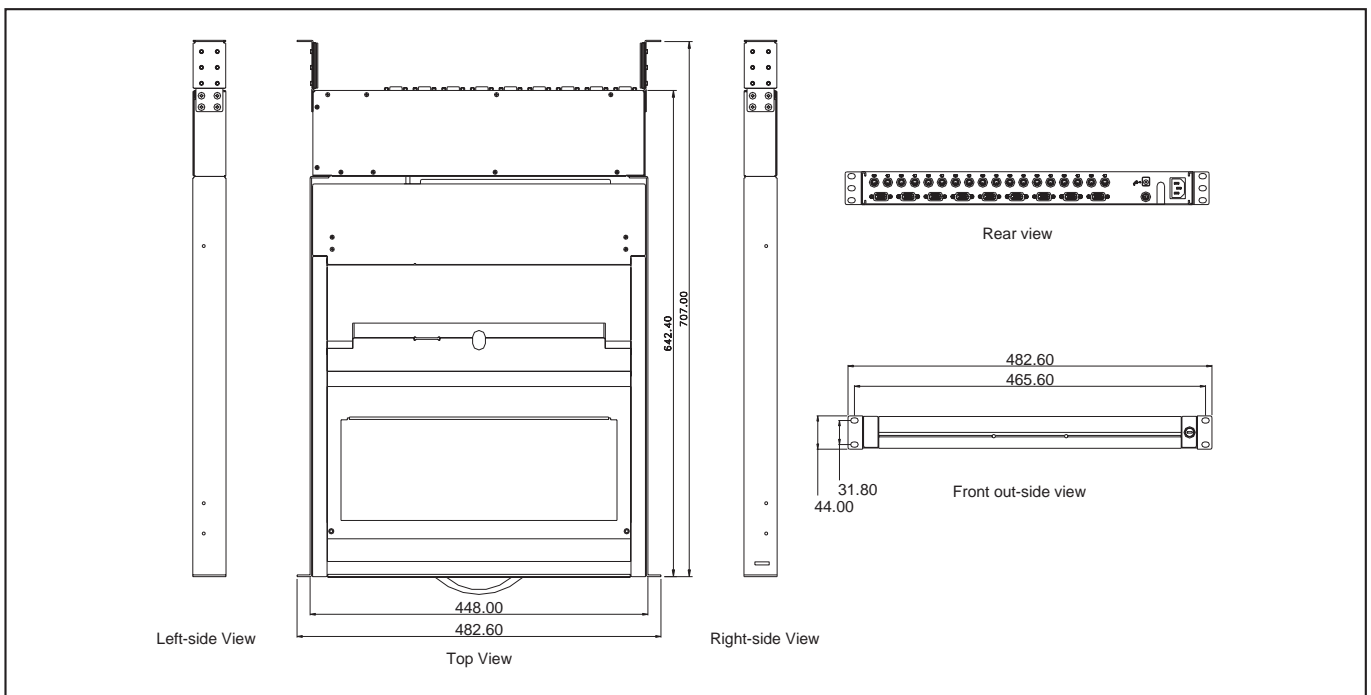


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **LCD Size:** 15" TFT with 1024x768 Resolution
- **LCD Quality:** Luminance(250 cd/m²)
- **Keyboard:** 83/84 Key with Integrated Track Ball + 2 Mouse Buttons
- **Power Supply:** 12V/48W, 100~240V Auto Ranging PSU
- **Key Lock:** Yes
- **Indicators:** LED for Power
- **Switch:** Power ON/OFF, Brightness, Contrast, Menu
- **KVM:** 8 Ports
- **Dimensions(WxHxD):** 483x44x643mm(19"x1.7"x25.3")
- **Cuft:** 4.5
- **GW:** 22.0kgs / 48.5lbs
- **Carton Size(cm):** 88.2x23.3x61.8(34.7"x9.2"x24.3")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHK-M03

1U 17" LCD Monitor

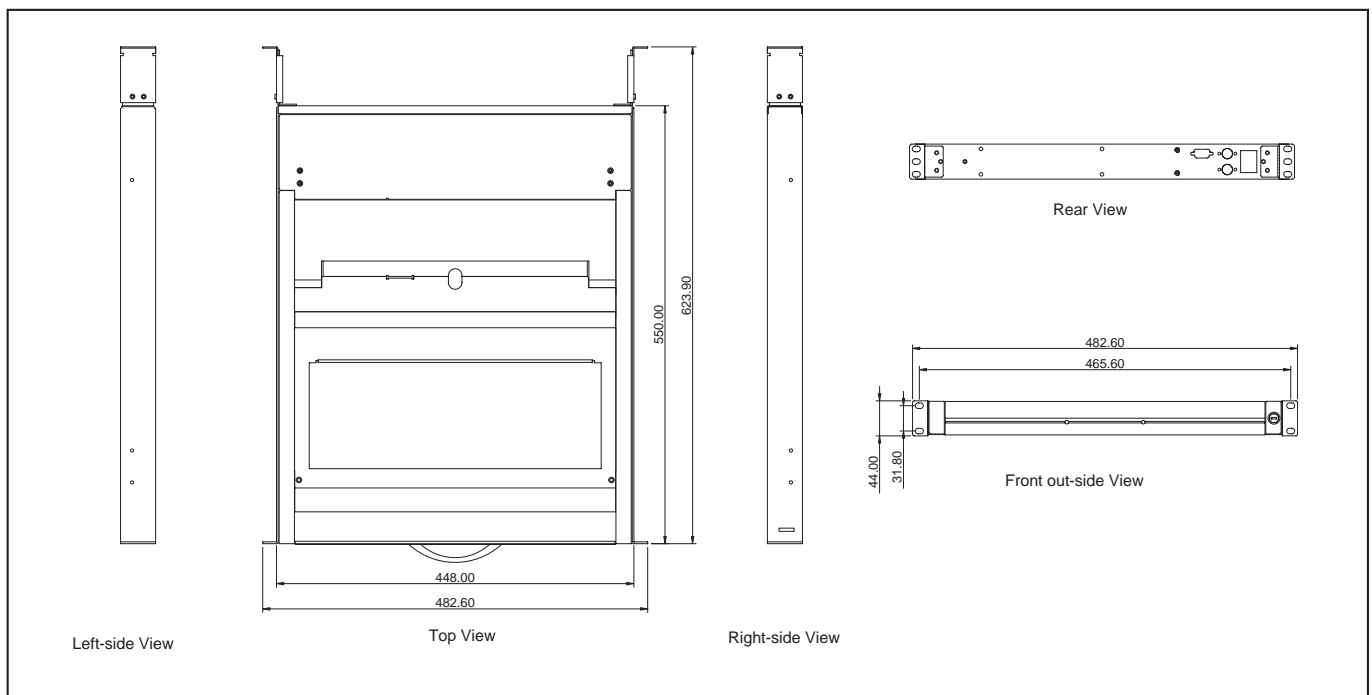
19" Rackmount



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel or Aluminum
- **Color:** Black (Standard) or Beige
- **LCD Size:** 17" TFT With 1024x768 Resolution
- **LCD Quality:** Luminance(250 cd/m²)
- **Keyboard:** 83/84 Key With Integrated Track Ball + 2 Mouse Buttons
- **Power Supply:** 12V/48W, 100~240V Auto Ranging PSU
- **Key Lock:** Yes
- **Indications:** LED for Power
- **Switch:** Power ON/OFF, Brightness, Contrast, Menu
- **Dimensions(W x H x D):** 483x44x550mm(19"x1.7"x21.7")
- **Cuft:** 3.6
- **GW:** 18.2 kgs / 40.1 lbs
- **Carton Size(cm):** 73.5x22.0x63.3(28.9"x8.7"x24.9")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHK-M04

1U 17" LCD Monitor with 8-ports KVM

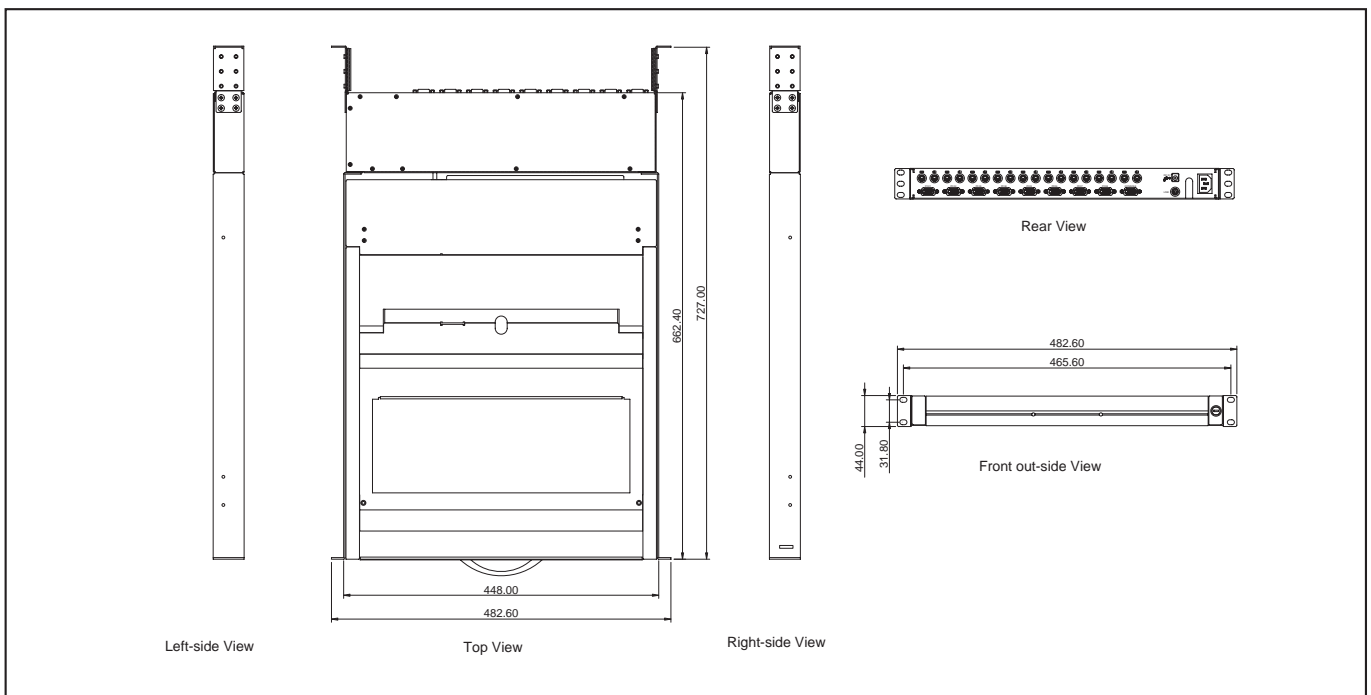


19" Rackmount

Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel or Aluminum
- **Color:** Black (Standard) or Beige
- **LCD Size:** 17" TFT with 1024x768 Resolution
- **LCD Quality:** Luminance(250 cd/m²)
- **Keyboard:** 83/84 Key With Integrated Track Ball + 2 Mouse Buttons
- **Power Supply:** 12V/48W, 100~240V Auto Ranging PSU
- **Key Lock:** Yes
- **Indications:** LED for Power
- **Switch:** Power ON/OFF, Brightness, Contrast, Menu
- **Dimensions(W x H x D):** 483x44x550mm(19"x1.7"x21.7")
- **Cuft:** 4.6
- **GW:** 20.2 kgs / 44.5 lbs
- **Carton Size(cm):** 90.2x23.3x61.8(35.5"x9.2"x24.3")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GH-K02



Specifications

- EIA RS-310C 19" 1U
- Rackmount Keyboard Drawer
- 104 Keys PS2 Keyboard
- Color: Beige or Black
- Rugged Sliding Rails with Handles & Key Lock
- Mouse Pad & Storage compartment
- Dimensions: 483(W)x44(H)x460(D)mm (19"x1.7"x18.1")
- Cuft: 1.3
- GW: 8.5kgs / 18.7lbs
- Carton Size(cm): 57.3x11.0x59.4 (22.6"x4.3"x23.4")

GH-KD1



Specifications

- EIA RS-310C 19" 1U
- Rackmount Keyboard Drawer Special Design for Cherry "G80-11900" Keyboard (Optional)
- Color: Beige or Black
- Rugged Sliding Rails with Handles & Key Lock
- Dimensions: 483(W)x44(H)x460(D)mm (19"x1.7"x18.1")
- Cuft: 1.3
- GW: 6.0kgs / 13.2lbs
- Carton Size(cm): 57.3x11.0x59.4 (22.6"x4.3"x23.4")

GH-KD4

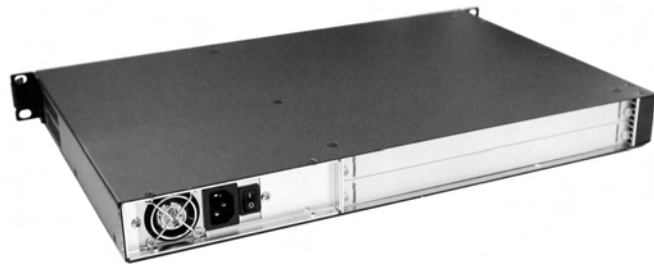
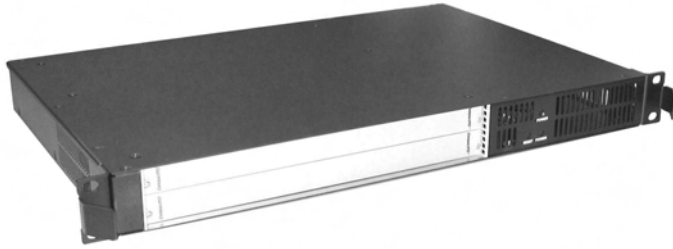


Specifications

- EIA RS-310C 19" 1U
- Rackmount Keyboard Drawer
- Special Design for Cherry "G84-4400" Keyboard (Optional)
- Color: Beige or Black
- Rugged Sliding Rails with Handles & Key Lock
- Dimensions: 483(W)x44(H)x460(D)mm (19"x1.7"x18.1")
- Cuft: 1.3
- GW: 8.0kgs / 17.6lbs
- Carton Size(cm): 57.3x11.0x59.4 (22.6"x4.3"x23.4")

GHC-C01

1U Compact PCI

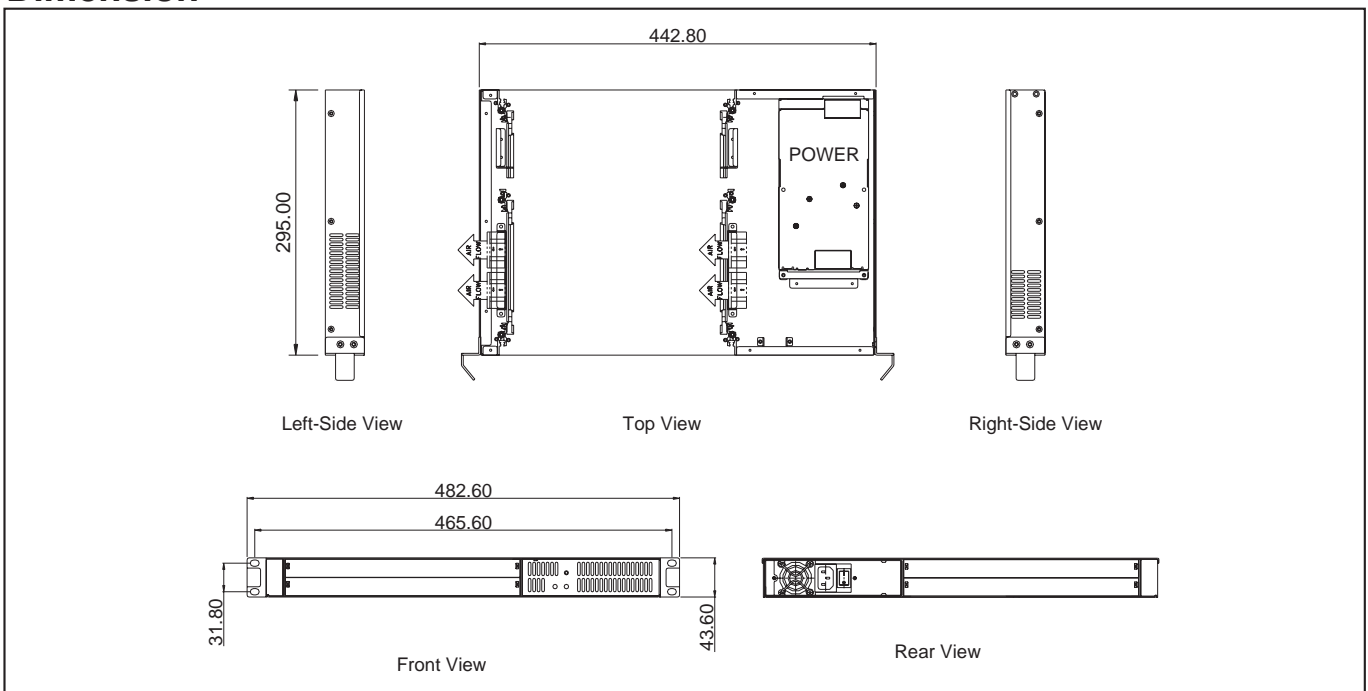


Compact PCI

Specifications

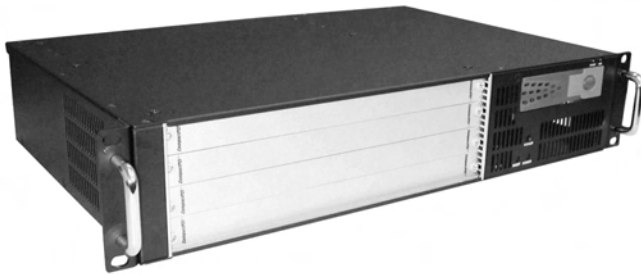
- **EIA RS-310C 19" Rack-mount Standard**
- **Construction:** Rittal System & Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support:** 2-slot 64bit 6U cPCI Backplane with H.110 Compatible Pin Assignments on Peripheral Slot
- **Power Supply(Optional):** 1U Single up to 400W ATX P/S (Rear Installation) Max. Depth 250mm
- **Cooling:** 4x(4cm) Fans(10.8CFM ea.)
- **Indicators:** LEDs for Power ON/OFF
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 483x44x323mm(19"x1.7"x12.7")
- **Cuft:** 1.7
- **GW:** 7.7kgs / 17.0 lbs
- **Carton Size(cm):** 59.3x44.5x18.1(23.4"x17.5"x7.1")
- **Product Applications:** High end Firewall , VPN ,IDS ,Traffic Management

Dimension



GHC-C02

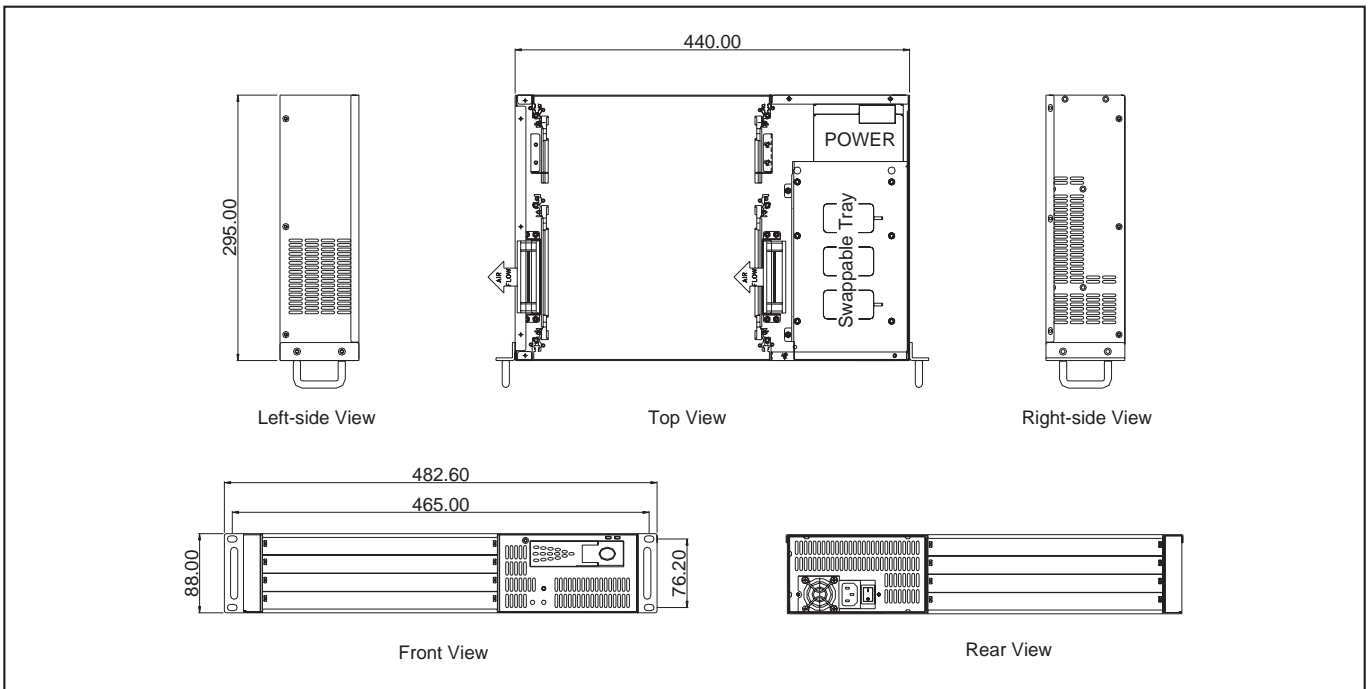
2U Compact PCI



Specifications

- **EIA RS-310C 19" Rack-mount Standard**
- **Construction:** Rittal System & Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support:** 4-Slot 64 bit 6U cPCI Backplane with H.110 Compatible pin Assignment on Peripheral Slot
- **Drive Capacity:** 1x3.5" Swappable Trays
- **Power Supply(Optional):** 1U Single up to 400W ATX P/S (Rear Installation) Max. Depth 250mm
- **Cooling:** 2x(8cm) Fans(42.5CFM ea.)
- **Indicators:** LEDs for Power ON/OFF
- **Switch:** Power ON/OFF, System Reset
- **Dimensions (W x H x D):** 483x88x295mm(19"x3.5"x11.6")
- **Cuft:** 2.1
- **GW:** 10.1kgs / 22.3 lbs
- **Carton Size(cm):** 59.3x44.5x22.6(23.4"x17.5"x8.9")
- **Product Applications:** High end Firewall , VPN ,IDS ,Traffic Management, Telecom

Dimension



GHC-C03

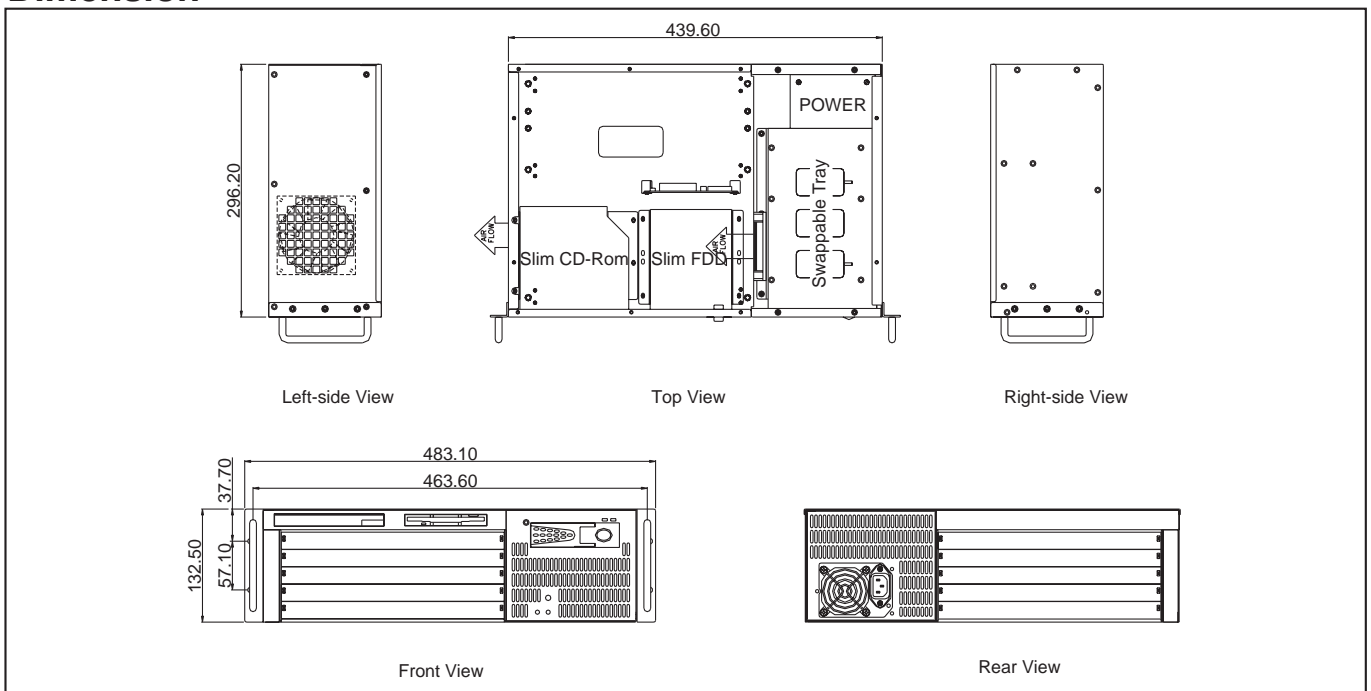
3U Compact PCI



Specifications

- **EIA RS-310C 19" Rack-mount Standard**
- **Construction:** Rittal System & Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support:** 5-slot 32/64 bit 6U cPCI H.110 Bus Backplane
- **Drive Capacity:** 1xSlim CD-ROM & 1xSlim FDD & 1x3.5" Swappable Trays
- **Power Supply(Optional):** 2U Single 300W~320W ATX P/S
- **Cooling:** 1x(8cm) (42.5CFM) & 1x(9cm) (51CFM) Fans
- **Indicators:** LEDs for Power ON/OFF
- **Switch:** Power ON/OFF, System Reset
- **Dimensions(WxHxD):** 483x133x296.2mm(19"x5.2"x11.7")
- **Cuft:** 2.5
- **GW:** 12.4kgs / 27.3 lbs
- **Carton Size(cm):** 59.3x44.5x26.9(23.4"x17.5"x10.6")
- **Product Applications:** High end Firewall , VPN ,IDS ,Traffic Management, Telecom

Dimension



GHC-C04

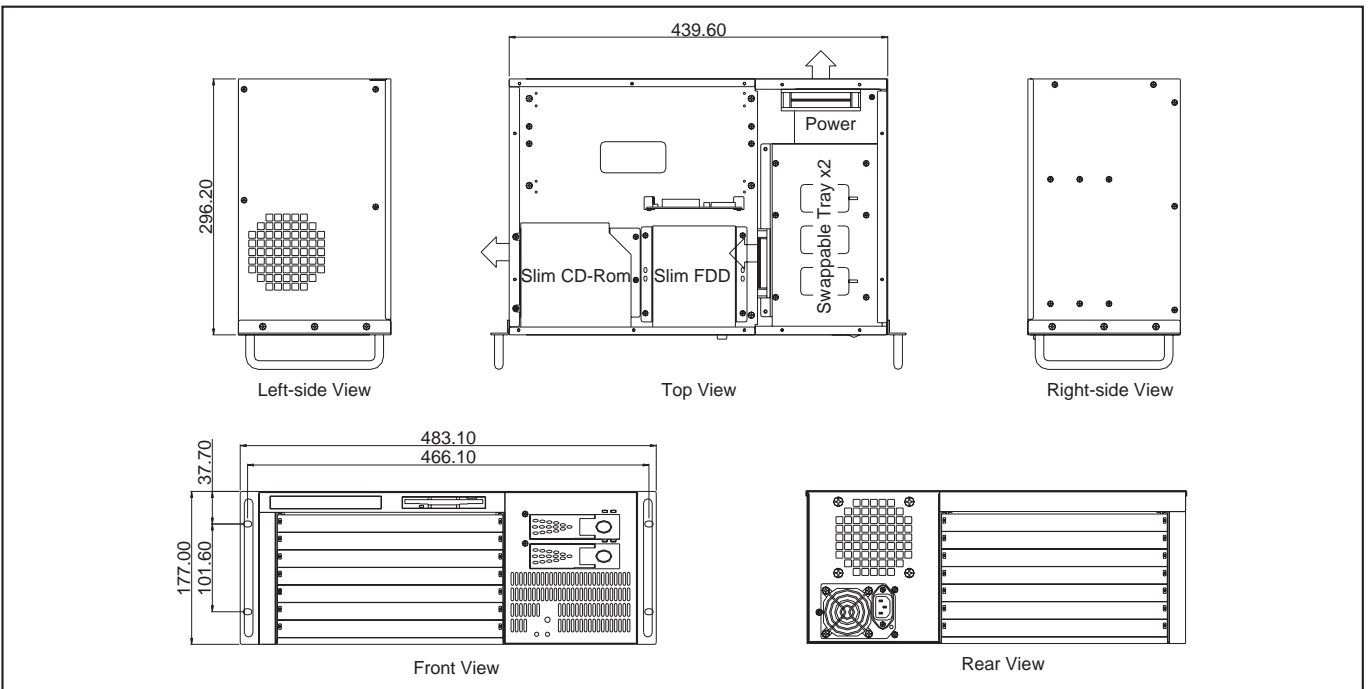
4U Compact PCI



Specifications

- **EIA RS-310C 19" Rack-mount Standard**
- **Construction:** Rittal System & Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support:** 7-slot 32/64 bit 6U cPCI H.110 Bus Backplane
- **Drive Capacity:** 1xSlim CD-ROM & 1xSlim FDD & 2x3.5" Swappable Trays
- **Power Supply(Optional):** 2U Single 300W~320W ATX P/S
- **Cooling:** 1x(8cm) (42.5CFM) & 2x(9cm) (51CFM ea.) Fans
- **Indicators:** LEDs for Power ON/OFF
- **Switch:** Power ON/OFF, System Reset
- **Drive Capacity:** 483x177x296mm(19"x7.0"x11.7")
- **Cuft:**2.9
- **GW:** 14.7kgs / 32.4 lbs
- **Carton Size(cm):** 59.3x44.5x31.4(23.4"x17.5"x12.4")
- **Product Applications:** High end Firewall , VPN ,IDS ,Traffic Management, Telecom

Dimension



GHC-P03

8U Compact PCI

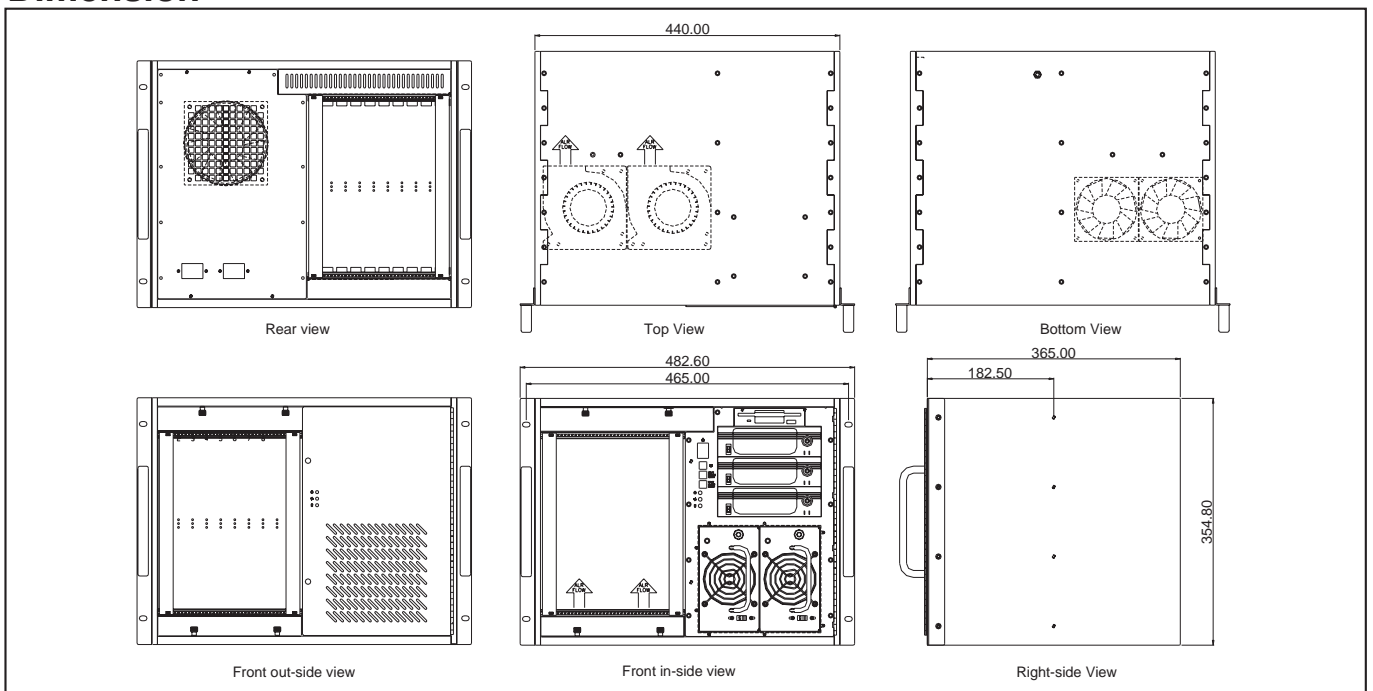


Compact PCI

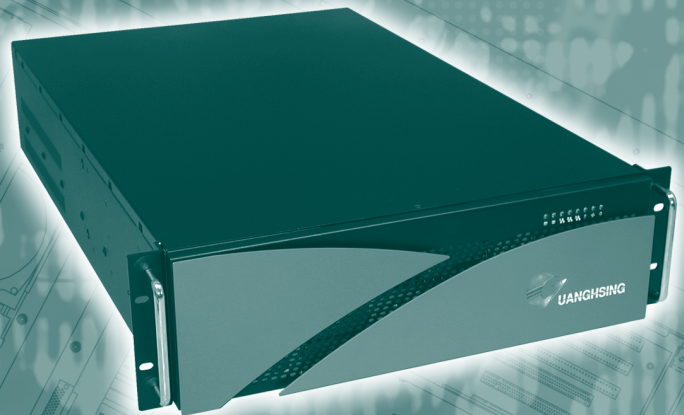
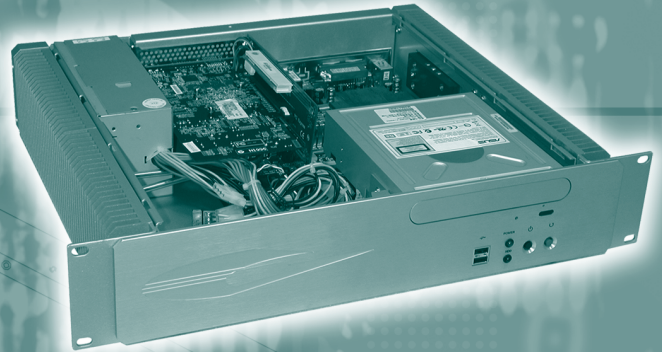
Specifications

- **EIA RS-310C 19" Rack-mount Standard**
- **Construction:** Rittal System & Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Support:** 9-slot High Density Server 6U cPCI Backplane
- **Drive Capacity:** 3x5.25" & 1x3.5"
- **Power Supply(Optional):** PS/2 Size Single 300~460W or Redundant 300~430W P/S
- **Cooling:** 2x(12cm) Blower(32.5CFM ea.) & 2x(9cm) (51CFM ea.) & 1x(12cm) (90CFM) Fans with Removable Air Filter
- **Thermal Management Card:** GHA-CO02
- **Indicators:** LEDs for Power ON/OFF
- **Switch:** Power ON/OFF, System Reset, Buzzer Reset
- **Dimensions (WxHxD):** 483x355x365mm(19"x14.0"x14.4")
- **Cuft:** 6.6
- **GW:** 21.0kgs / 46.3lbs
- **Carton Size(cm):** 63.5x50.2x58.5(25.0"x19.8"x23.0")

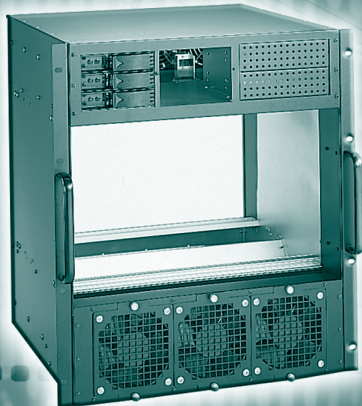
Dimension



OEM PROJECTS

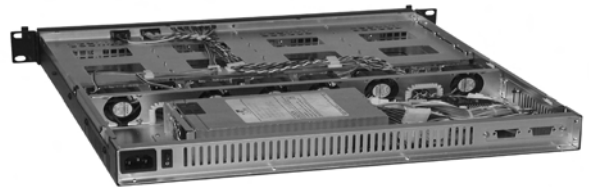


Compact PCI



GHR-190

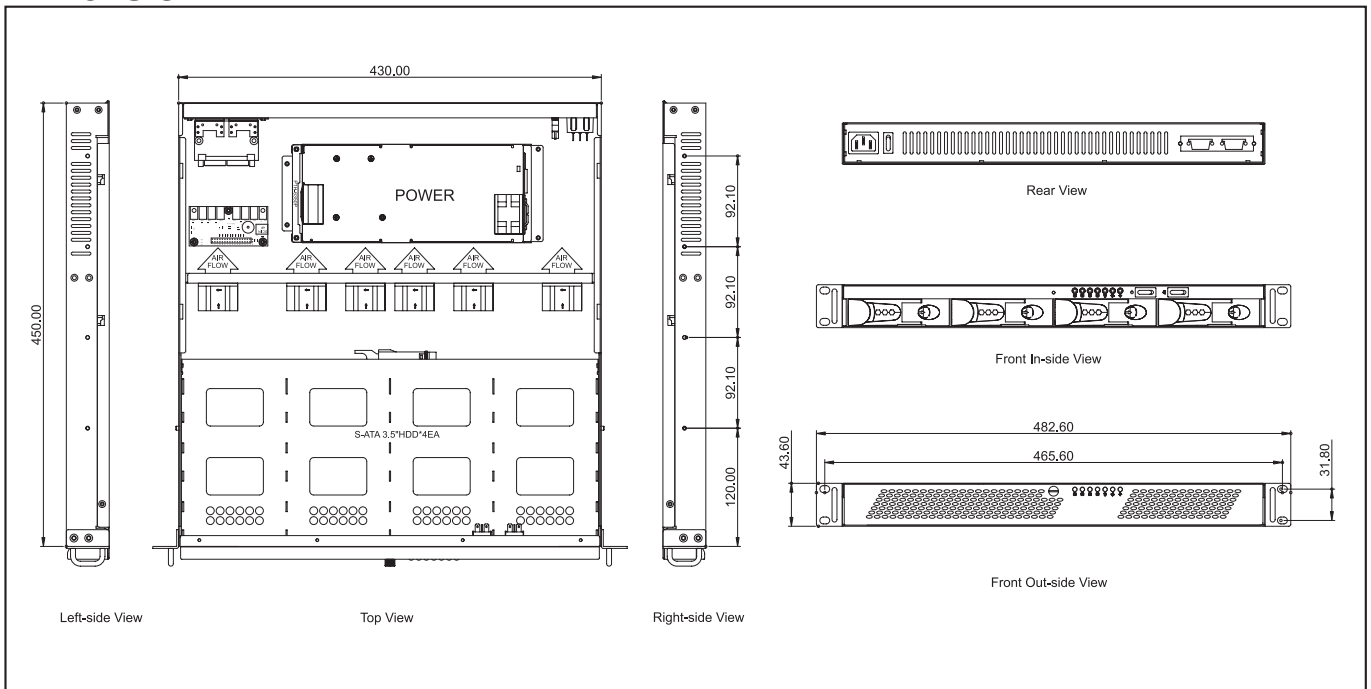
1U Rackmount Storage Chassis



Specifications

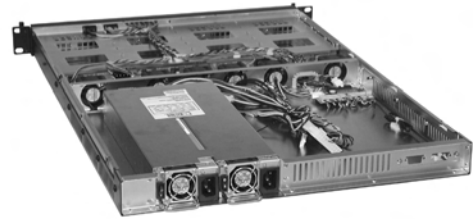
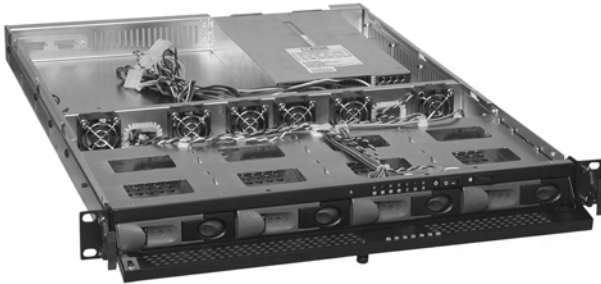
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Drive Capacity:** 4x 3.5" Swappable Trays
- **Drive Interface:** SATA, SCSI320 or SAS
- **Power Supply (Optional):** 1U Single up to 400W P/S (Mid Installation) Max. Depth 225mm
- **Cooling:** 6x (40 x 28mm = 15.3CFM ea.) Fans
- **Extension Port (Rear):** 1x SCSI Port
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset
- **Dimensions (W x H x D):** 483 x 44 x 450mm (19.0" x 1.7" x 17.7")
- **Cuft:** 2.3
- **GW:** 10.3 kgs / 22.7 lbs
- **Carton Size(cm):** 61.5 x 17.9 x 60.0 (24.2" x 7.1" x 23.6")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHR-192

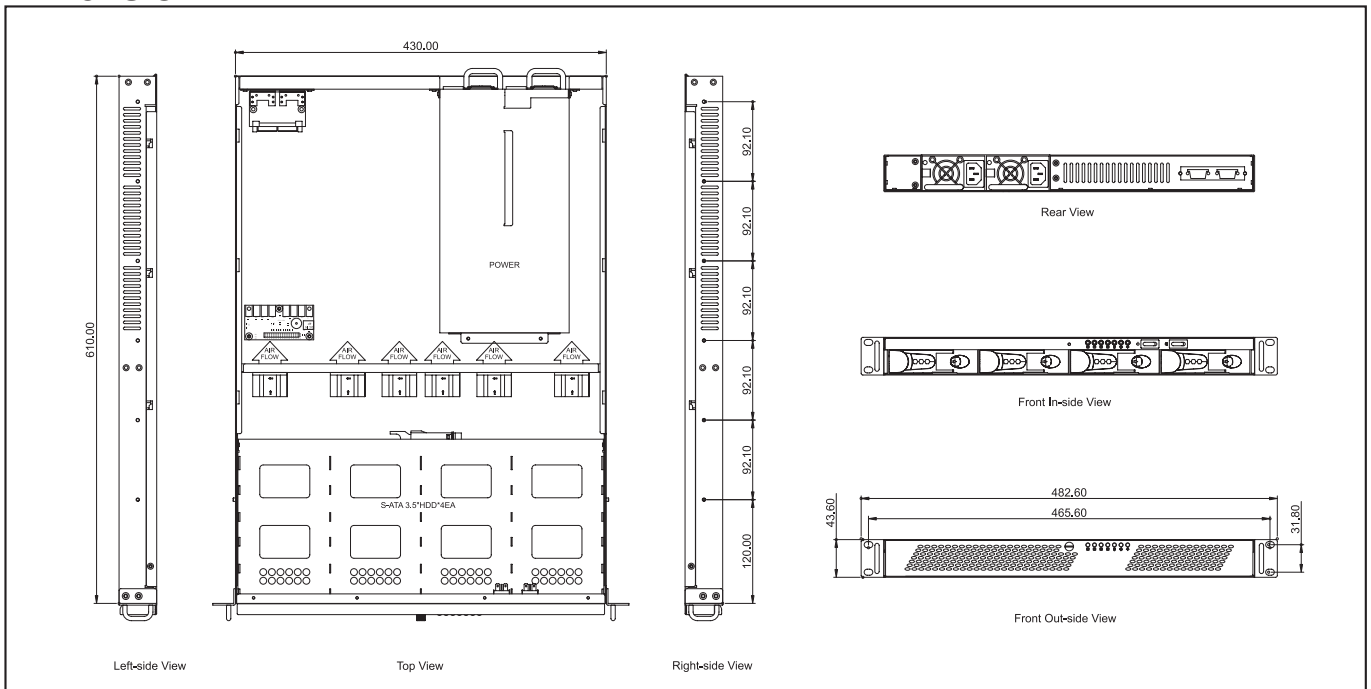
1U Rackmount Storage Chassis



Specifications

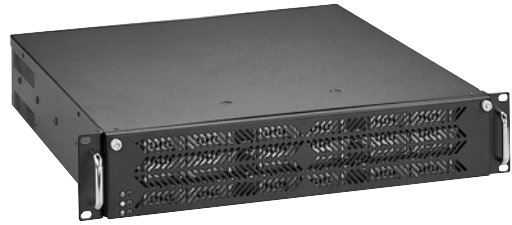
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Drive Capacity:** 4x 3.5" Swappable Trays
- **Drive Interface:** SATA, SCSI320 or SAS
- **Power Supply (Optional):** 1U Redundant up to 300W P/S (Rear Installation) Max. Depth 280mm
- **Cooling:** 6x (40 x 28mm = 15.3CFM ea.) Fans
- **Extension Port (Rear):** 1x SCSI Port
- **Thermal Management Card:** GHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Switch:** Power ON/OFF Momentary (Rocker), System Reset
- **Dimensions (W x H x D):** 483 x 44 x 610mm (19.0" x 1.7" x 24.0")
- **Cuft:** 2.3
- **GW:** 10.7 kgs / 23.6 lbs
- **Carton Size(cm):** 61.5 x 17.9 x 76 (24.2" x 7.1" x 29.2")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHR-219

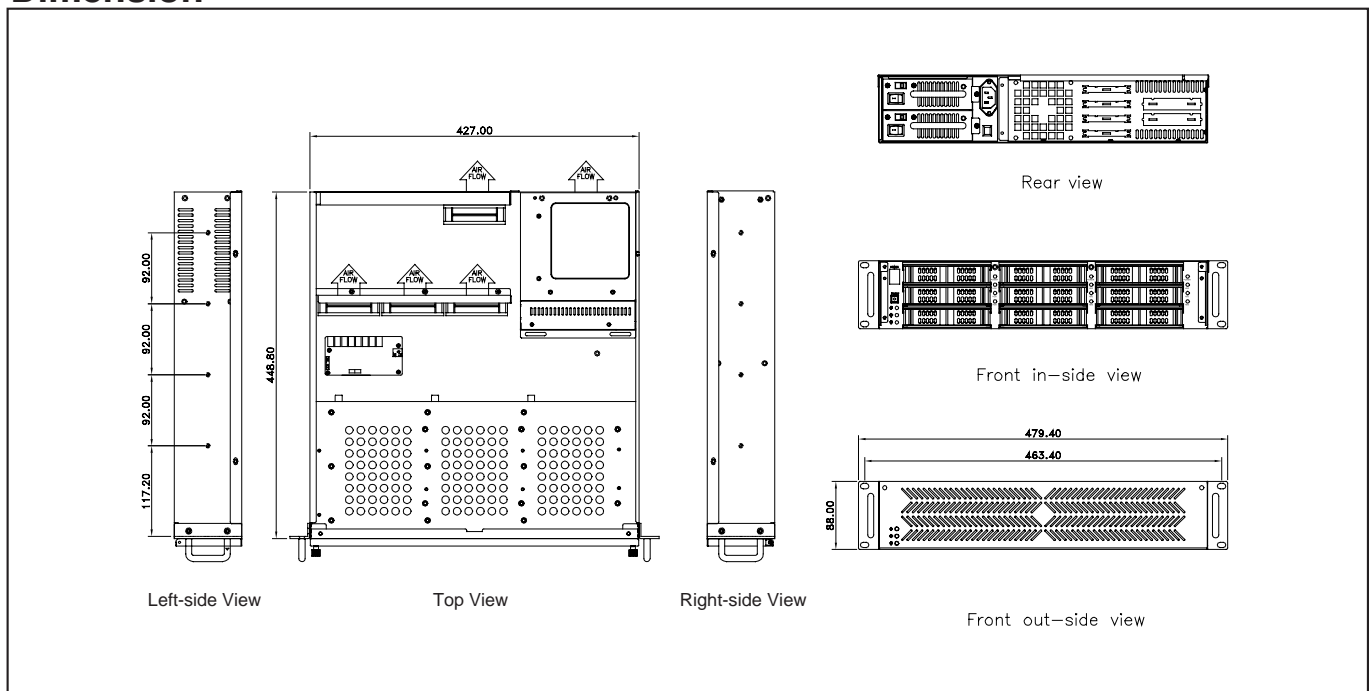
2U Rackmount Storage Chassis



Specifications

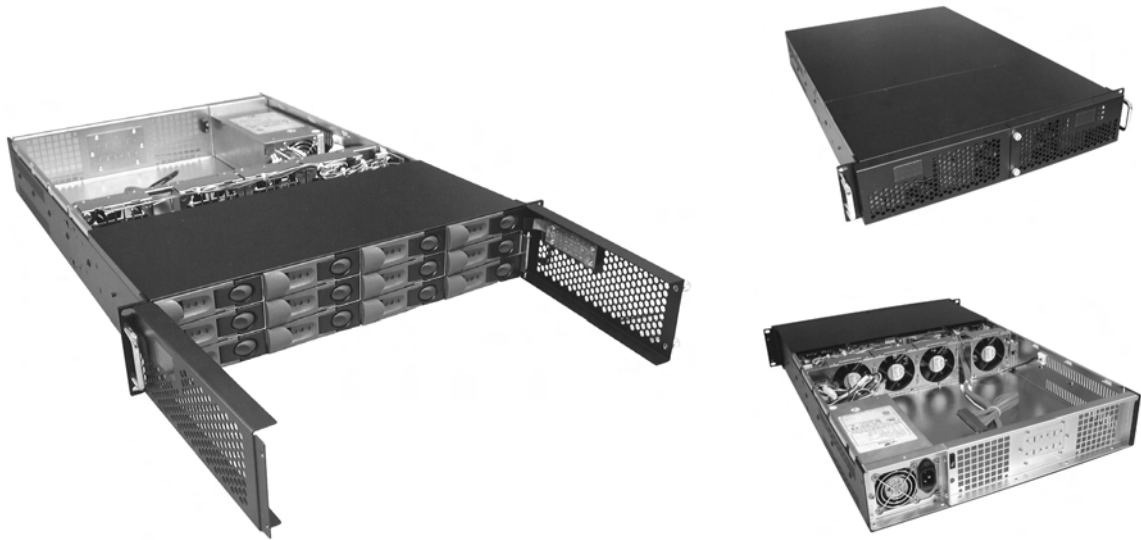
- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Drive Interface:** SCSI 320
- **Drive Capacity:** 9xHot Swappable SCSI Trays
- **Power Supply(Optional):** PS/2 Size Single 250~400W P/S or Redundant 300~400W P/S
- **Cooling:** 4x(8cm) Fans(42.5CFM ea.)
- **Thermal Management Card:** GHA-CO02
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Switch:** Power ON/OFF, System Reset
- **Dimensions(WxHxD):** 483x88x450mm(19"x3.5"x17.7")
- **Cuft:** 3.2
- **GW:** 14kgs / 30.9lbs
- **Carton Size(cm):** 63.0x24.8x57.4(24.8"x9.8"x22.6")

Dimension



GHR-290

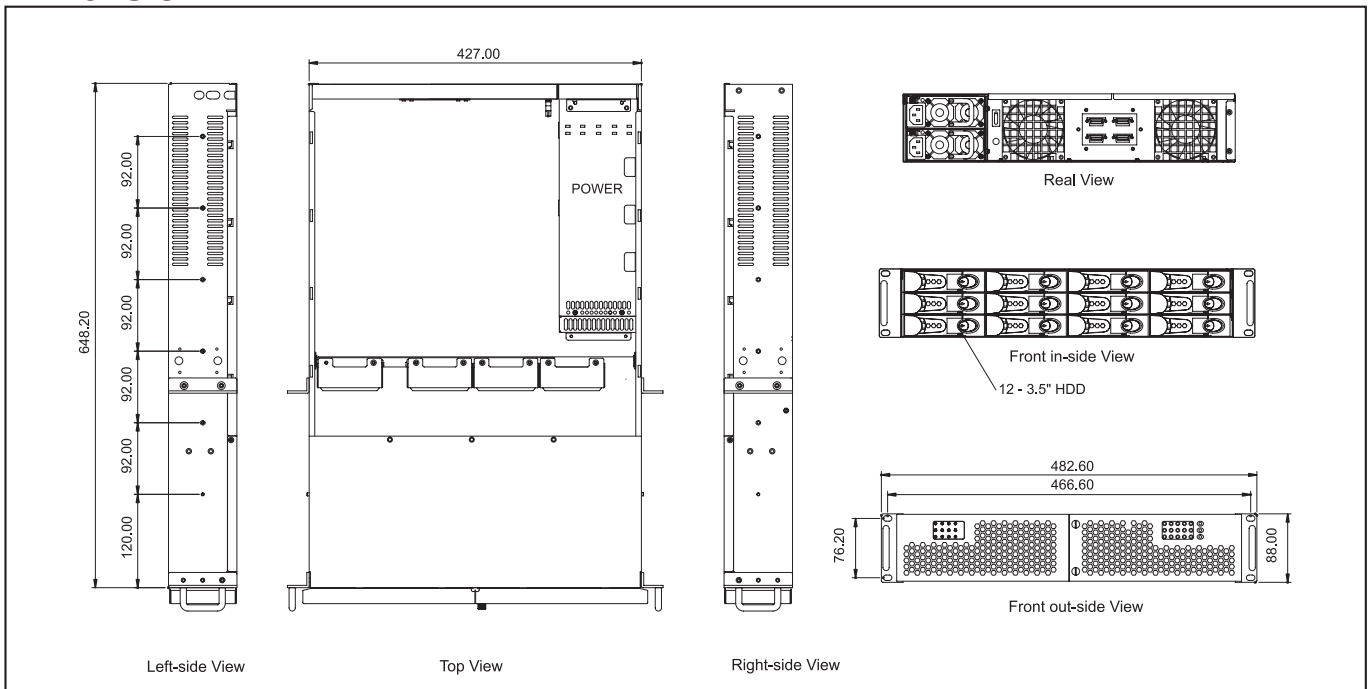
2U Rackmount Storage Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Drive Capacity:** 12x 3.5" Swappable Trays
- **Drive Interface:** SATA, SCSI320, Multilane SATA or SAS
- **Power Supply (Optional):** 2U Single up to 600W or 2U Redundant up to 500W ATX P/S(Rear Installation) Max. Depth 300mm
- **Cooling:** 4x (80mm = 42.5CFM ea.) Fans
- **Front Door:** Double Horizontal Doors With 2 Thumbscrews
- **Riser Card:** GHP-R0301 (32bit Ribbon) or GHP-R0304 (64bit Ribbon) (Optional)
- **Thermal Management Card:** GHA-CO08
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature, LAN
- **Switch:** Power ON/OFF Momentary (Pushbutton), System Reset, Buzzer Reset
- **Dimensions (W x H x D):** 483 x 88 x 650mm (19" x 3.5" x 25.6")
- **Cuft:** 4.4
- **GW:** 17.1 kgs / 37.7 lbs
- **Carton Size(cm):** 58.8 x 25.5 x 82.5 (23.1" x 10.0" x 32.5")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHR-390

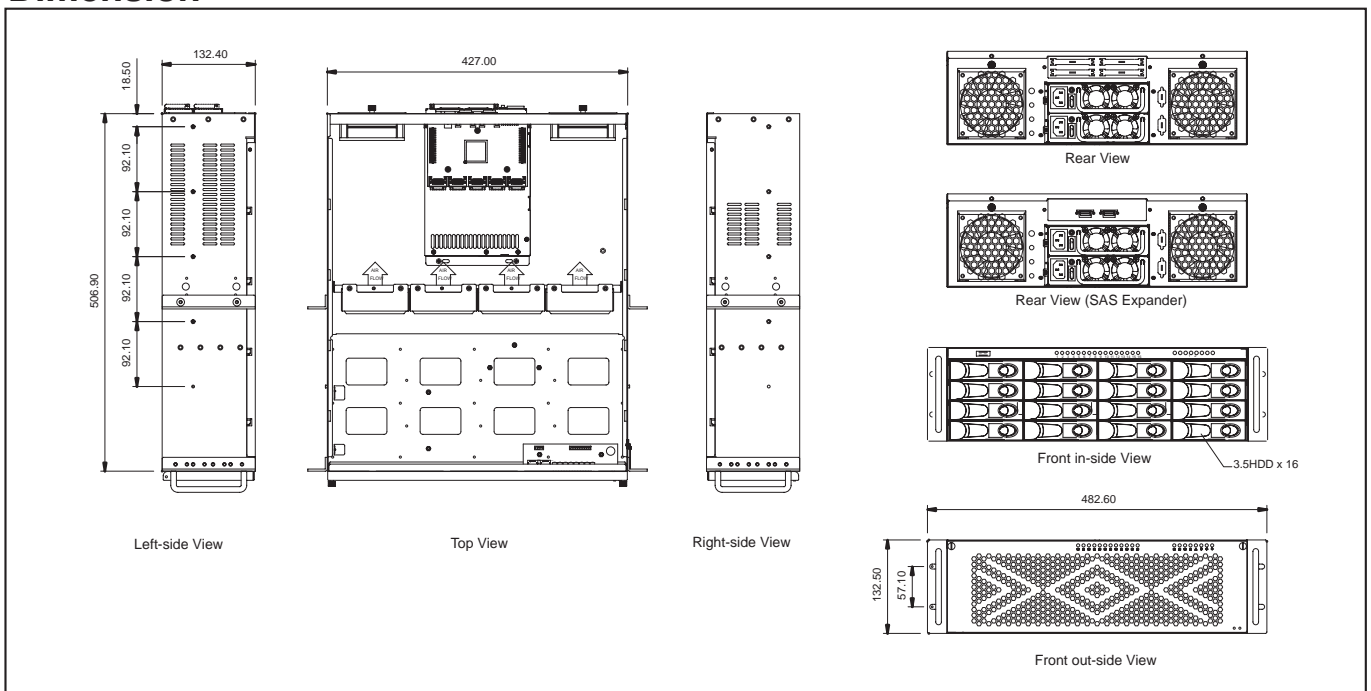
3U Rackmount Storage Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Drive Capacity:** 16x 3.5" Swappable Trays
- **Drive Interface:** SATA, SCSI320, SAS or SAS Expander
- **Power Supply (Optional):** PS/2 Single up to 700W or Mini Redundant up to 500W P/S (Rear Installation) Max. Depth 220mm
- **Cooling:** 4x (92mm = 51CFM ea.) Fans
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature, LAN
- **Switch:** Power ON/OFF , System Reset
- **Dimensions (W x H x D):** 483 x 133 x 507mm (19" x 5.2" x 20")
- **Cuft:** 4.2
- **GW:** 18.5 kgs / 40.8 lbs
- **Carton Size(cm):** 58.8 x 28.5 x 70.3 (23.1" x 11.2" x 27.7")
- **Humidity:** 5% - 95% Non-condensing

Dimension



GHR-420

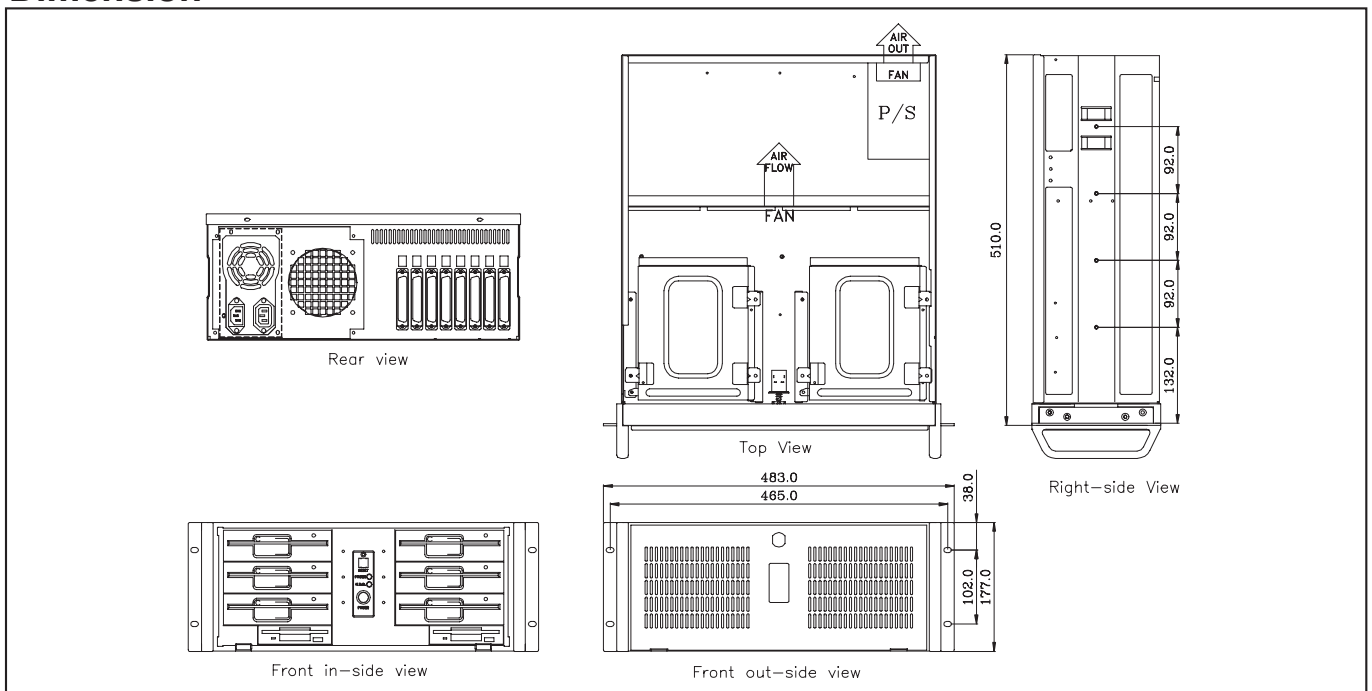
4U Rackmount Storage Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Drive Capacity:** 6x5.25" & 2x3.5"
- **Power Supply(Optional):** PS/2 Size Single 250~400W P/S or Redundant 300~400W P/S
- **Cooling:** 4x(9cm) Fans(51CFM ea.)
- **Front Door:** Single Door With Keylock
- **Air Filter:** Inside Front Door (Washable)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions(WxHxD):** 483x177x510mm(19"x7.0"x20.1")
- **Cuft:** 4.9
- **GW:** 18kgs / 39.7lbs
- **Carton Size(cm):** 59.1x34x68.8(23.3"x13.4"x27.1")

Dimension



GHR-421

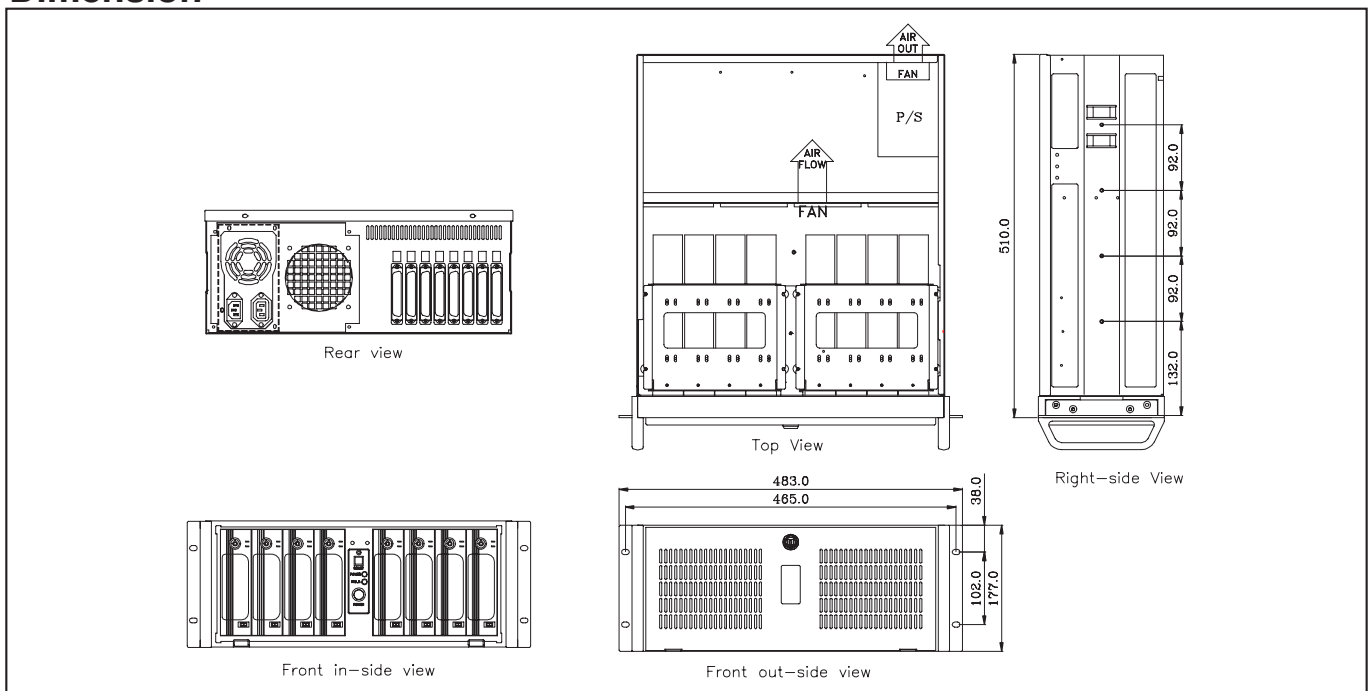
4U Rackmount Storage Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Drive Capacity:** 8x5.25"(Vertical)
- **Power Supply(Optional):** PS/2 Size Single 250~400W P/S or Redundant 300~400W P/S
- **Cooling:** 4x(9cm) Fans(51CFM ea.)
- **Front Door:** Single Door With Keylock
- **Air Filter:** Inside Front Door (Washable)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Dimensions(WxHxD):** 483x177x510mm(19"x7.0"x20.1")
- **Cuft:** 4.9
- **GW:** 18kgs / 39.7lbs
- **Carton Size(cm):** 59.1x34x68.8(23.3"x13.4"x27.1")

Dimension



GHR-422

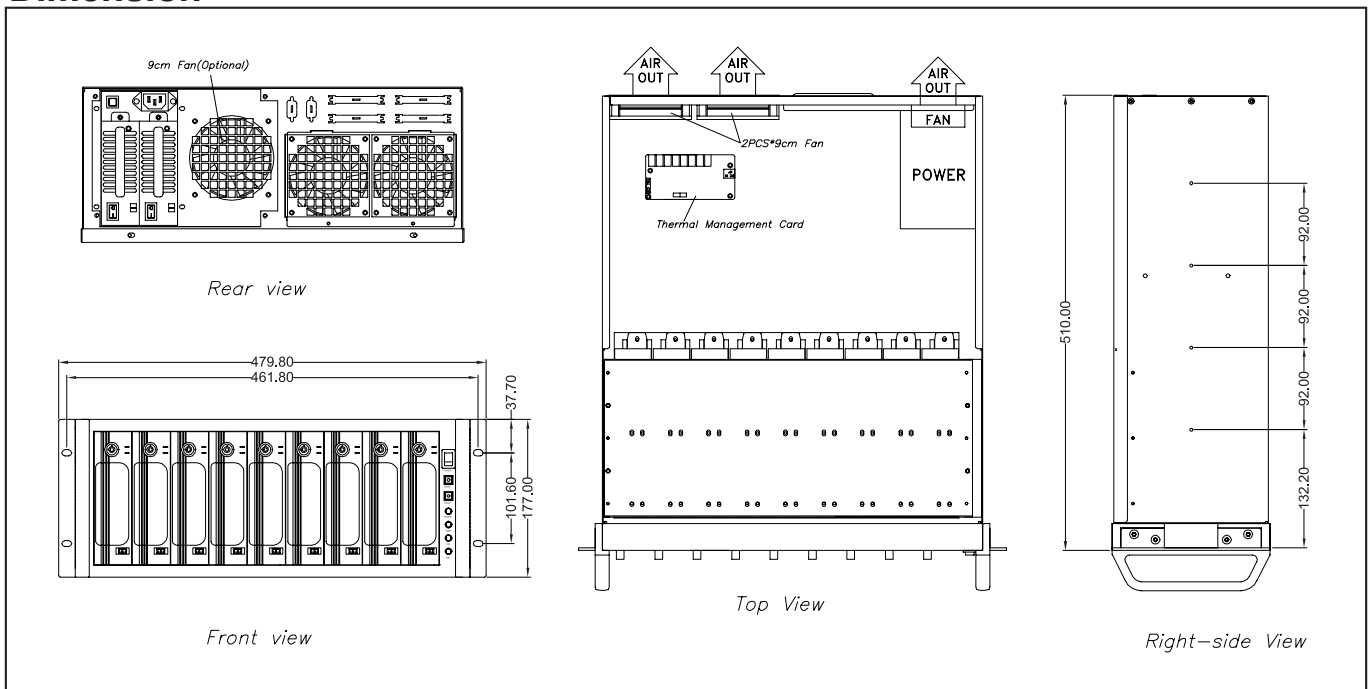
4U Rackmount Storage Chassis



Specifications

- **EIA RS-310C 19" Rackmount Standard**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Drive Capacity:** 9x5.25"(Vertical)
- **Power Supply(Optional):** PS/2 Size Single 230~460W P/S or Redundant 300~400W P/S
- **Cooling:** 2x(9cm) Fans(51CFM ea.) & 1x(9cm) Fan(51CFM ea.)(Optional)
- **Thermal Management Card:** CHA-CO04
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Switch:** Power ON/OFF, System Reset, Buzzer Reset
- **Dimensions(WxHxD):** 483x177x510mm(19"x7.0"x20.1")
- **Cuft:** 4.9
- **GW:** 24.3kgs / 53.6lbs
- **Carton Size(cm):** 59.1x34x68.8(23.3"x13.4"x27.1")

Dimension



GHR-2104

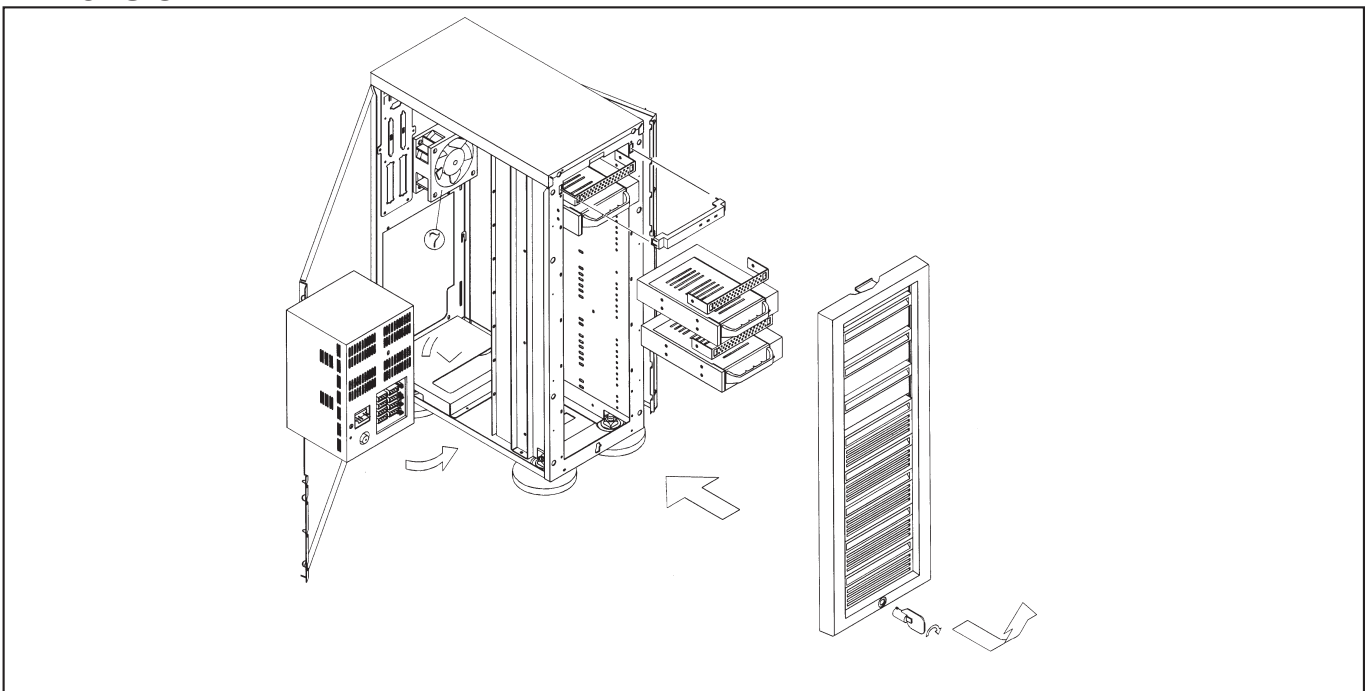
Disk Array Chassis



Specifications

- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Beige (Standard), Black or Custom
- **Drive Capacity:** 12x5.25"
- **Power Supply(Optional):** Redundant 300~400W P/S
- **Cooling:** 2x(9cm) Fans(51CFM ea.)
- **Indicators:** LEDs for Power, HDD Activity
- **Switch:** Power ON/OFF, System Reset
- **Four Adjustable Circular Pedestals**
- **Dimensions(WxHxD):** 200x608x435mm(7.9"x24.0"x17.1")
- **Cuft:** 4.5
- **GW:** 17.5kgs / 38.6lbs
- **Carton Size(cm):** 32.5x70.5x55.4(12.8"x27.8"x21.8")

Dimension



GHS-1500

Server Case



Specifications

- Server / RAID case or 19" Rack Mounted
- Construction: Heavy Duty Cold Rolled Electroplated Steel
- Color: Black or Custom Design
- Support EATX M/B(Max. to 12"x13")
- Support 14-slot Passive Backplane
- Drive Capacity: 15x5.25"
- Power Supply(Optional): PS/2 Size Single up to 700W or Redundant 300~400W P/S or Triple Redundant 800+400W P/S
- Cooling: 5x(9cm) Fans(51CFM ea.)
- Indicators: LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- Switch: Power ON/OFF, System Reset, Buzzer Reset
- Lockable Security Access and Lockable Casters
- Dimensions(WxHxD): 410x416x710mm(16.2"x16.4"x28.0")
- Cuft: 9.3
- GW: 34kgs / 75lbs
- Carton Size(cm): 54.8x55.8x85.7(21.6"x22.0"x33.7")

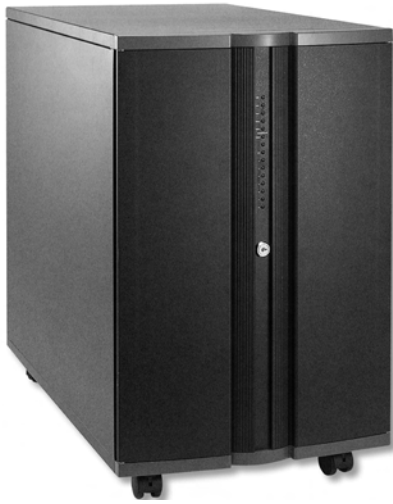


GHA-1520

GHS-1500,GHS-2000 Rackmount Tray (Optional)

GHS-2000

Server Case



Specifications

- **Server / RAID case or 19" Rack Mounted**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black or Custom Design
- **Support EATX M/B(Max. to 16"x13")**
- **Support 20-slot Passive Backplane**
- **Drive Capacity:** 23x5.25"
- **Power Supply(Optional):** PS/2 Size Single up to 700W or Redundant 300~600W P/S or Triple Redundant 800+400W P/S
- **Cooling:** 8x(9cm) Fans(51CFM ea.) & 2x(12cm) Fans(108CFM ea.)
- **Indicators:** LEDs for Power ON/OFF, HDD Activity, Fan, Temperature
- **Switch:** Power ON/OFF, System Reset, Buzzer Reset
- **Thermal Management Card Installed**
- **Lockable Security Access and Lockable Casters**
- **Dimensions(WxHxD):** 410x600x710mm(16.2"x23.6"x28.0")
- **Cuft:** 12.2
- **GW:** 44kgs / 97lbs
- **Carton Size(cm):** 54.8x73.6x85.7(21.6"x29.0"x33.7")



GHA-1520

GHS-1500,GHS-2000 Rackmount Tray (Optional)

SG-1200

Server Case



Specifications

- Pedestal Server Chassis
- Construction: Heavy Duty Cold Rolled Electroplated Steel
- Color: Beige (Standard), Black or Custom
- Support EATX M/B (Max. to 12" x 13")
- Support: 10 Slot Passive Backplane
- Drive Capacity: 12 x 5.25" CD-ROM
- Power Supply (Optional): PS2 up to 700W or Mini Redundant 500W AT or ATX P/S (Rear Installation) Max. Depth 220mm
- Cooling: 2x (92mm) Fans
- Extra Features: 4 x Height Adjustable Circular Pedestals
- Thermal Management Card: GHA-CO04
- Indicators: LEDs for Power ON/OFF & HDD Activity
- Switch: Power ON/OFF Momentary (Rocker), System Reset, Buzzer Reset
- Dimensions (W x H x D): 210 x 608 x 650mm (8.3" x 24" x 25.6")
- Cuft: 8
- GW: 21.5kgs / 47.4lbs
- Carton Size(cm): 85.5 x 34.0 x 59.1(33.7" x 13.4" x 23.3")
- Humidity: 5% - 95% Non-condensing

SG-4002XC

Server Case



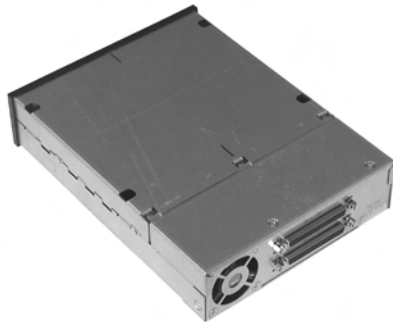
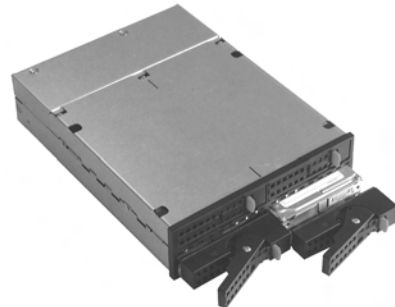
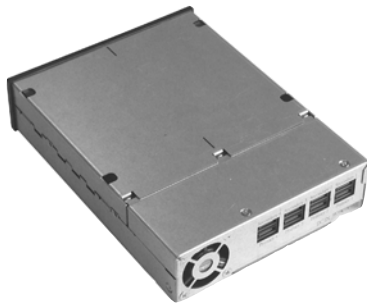
Specifications

- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Beige (Standard) or Custom Design
- **Support EATX M/B(Max. to 12"x13")**
- **Support 14-slot Passive Backplane**
- **Drive Capacity:** 16x5.25"
- **Power Supply(Optional):** PS/2 Size Single 300~400W P/S or Redundant 300~400W P/S
- **Cooling:** 4x(9cm) Fans(51CFM ea.) & 4x(9cm) Fans (51CFM ea.)(Optional)
- **Indicators:** LEDs for Power ON/OFF & HDD Activity
- **Switch:** Power ON/OFF, Sleep, System Reset
- **Convenient SCSI ID Switches for Individual Drive(Optional)**
- **Multiple Sub-System Combination**
- **Link Panel:** SCSI 50/68 Pin Connector
- **Detachable Swing-Option Side Doors**
- **Lockable Security Access and Lockable Casters**
- **Dimensions(W x H x D):** 424 x 605 x 435mm (16.7" x 23.8" x 17.1")
- **Cuft:** 8.0
- **GW:** 26.5kgs / 58.3lbs
- **Carton Size(cm):** 52.4x76.1x57.0(20.6"x30.0"x22.4")



GHK-425

Hot-Swappable Disk Array

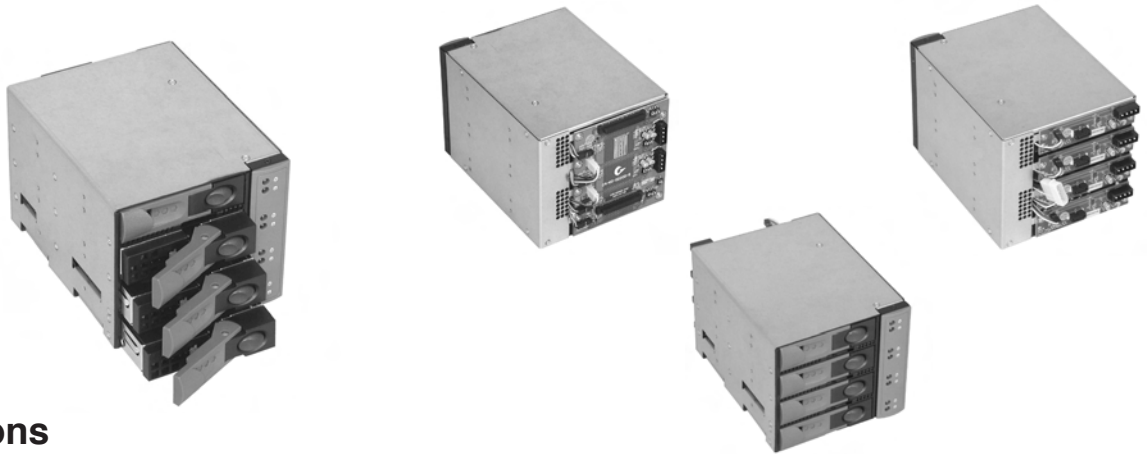


Specifications

- **Mounted into a 5.25" Drive Space**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Drive Capacity:** 4x 2.5" Hot Swappable Drive Trays
- **Drive Interface:** SATA, SCSI320 or SAS
- **Powered by 4pin Connector from the P/S**
- **Cooling:** 1x (40mm) Internal Fan
- **Thermal Management Function Installed**
- **Indicators:** LEDs for Power ON/OFF, Individual HDD Activity, Temperature
- **Switch:** Buzzle Reset
- **Dimensions (W x H x D):** 146 x 40.8 x 198mm (5.8" x 1.6" x 7.8")
- **Cuft:** 0.3
- **GW:** 0.9 kgs / 2.0 lbs
- **Carton Size(cm):** 22 x 12.5 x 27 (8.7" x 4.9" x 10.6")
- **Humidity:** 5% - 95% Non-condensing

GHK-431

Hot-Swappable Disk Array



Specifications

- **Mounted into a 3x 5.25" Drive Space**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Drive Capacity:** 4x 3.5" Hot Swappable Drive Trays
- **Drive Interface:** SATA, SCSI320 or SAS
- **Powered by 4pin Connector from the P/S**
- **Cooling:** 2x (60mm) Internal Blower Fans
- **Indicators:** LEDs for Power ON/OFF, Individual HDD Activity
- **Dimensions (W x H x D):** 146 x 128 x 187mm (5.8" x 5.0" x 7.4")
- **Cuft:** 0.7
- **GW:** 5.5kgs / 12.1lbs
- **Carton Size(cm):** 26 x 24 x 31 (10.3" x 9.5" x 12.2")
- **Humidity:** 5% - 95% Non-condensing

GHK-541

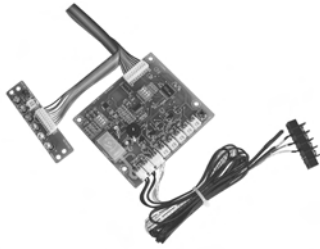
Hot-Swappable Disk Array



Specifications

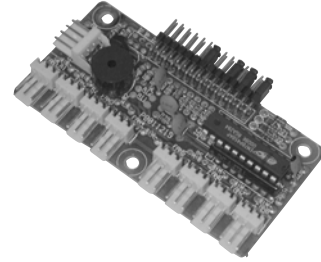
- **Mounted into a 4x 5.25" Drive Space**
- **Construction:** Heavy Duty Cold Rolled Electroplated Steel
- **Color:** Black (Standard), Beige or Custom
- **Drive Capacity:** 5x 3.5" Hot Swappable Drive Trays
- **Drive Interface:** SATA, SCSI320 or SAS
- **Powered by 4pin Connector from the P/S**
- **Cooling:** 2x (60mm) Internal Blower Fans
- **Indicators:** LEDs for Power ON/OFF, Individual HDD Activity
- **Dimensions (W x H x D):** 146 x 171.5 x 187mm (5.8" x 6.8" x 7.4")
- **Cuft:** 0.8
- **GW:** 6kgs / 13.2lbs
- **Carton Size(cm):** 26 x 28 x 31 (10.3" x 11" x 12.2")
- **Humidity:** 5% - 95% Non-condensing

Accessories



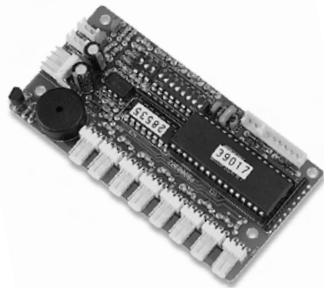
GHA-C001

- Two Sets of Temperature Sensor
- Three Level Temperature Setting(40°C, 50°C, 60°C)
- Front Panel LEDs System Status Display
- External Alarm Connector And Internal Buzzer
- 2-Pin Fan Failure Detect and Control



GHA-C004

- Two Sets of Temperature Sensor
- Three Level Temperature Setting(40°C, 50°C, 60°C)
- Front Panel LEDs System Status Display
- Internal Buzzer
- 3-Pin Fan Failure Detect and Control



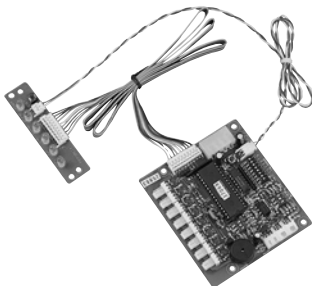
GHA-C002

- Two Sets of Temperature Sensor
- Three Level Temperature Setting(40°C, 50°C, 60°C)
- Front Panel LEDs System Status Display
- Internal Buzzer
- 3-Pin Fan Failure Detect and Control



GHA-C005

- Four Set of Temperature and Fan Dip Switch Setting and Connectors for Temperature Control
- LEDs System Status Display(Normal-Green,Abnormal-Red)
- 2 - Pin Fan Connectors for Fan Detect and Status Display
- 3 - Pin Temperature Connectors for Temperature Detect
- Three Connectors (CN) for DC Input, Power and HDD LED Input Respectively
- Four Temperature Limit Adjust Connectors/Settings



GHA-C003

- Two Sets of Temperature Sensor
- Three Level Temperature Setting(40°C, 50°C, 60°C)
- Front Panel LEDs System Status Display
- Internal Buzzer
- 3-Pin Fan Failure Detect and Control



GHA-BRM 1

- B04, B08 Rackmount Application

Accessories



GHA-SL20-1U/ SL24-1U

- Zinc Plated
- Mounting by Screw Application in General Frame
- Heavy Duty Metal Slide Rail
- GHA-SL20-1U: 20" Slide Rail for 19" 1U Chassis
- GHA-SL24-1U: 24" Slide Rail for 19" 1U Chassis



GHA-SL20/ SL24/ SL26

- Zinc Plated
- Mounting by Screw Application in General Frame
- Heavy Duty Metal Slide Rail
- GHA-SL20: 20" Slide Rail for 19" Chassis
- GHA-SL24: 24" Slide Rail for 19" Chassis
- GHA-SL26: 26" Slide Rail for 19" Chassis



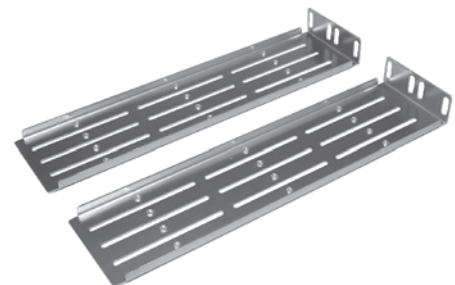
RL-CC1001-99-0104/CC3001-00-0240/CC3001-00-0260

- Mounting by Screw Application in General Frame
- Heavy Duty Metal Slide Rail
- RL-CC1001-99-0104: 30" Full Extension Slide Rail for 19" Chassis(Supports up to 175 lbs)
- RL-CC3001-00-0240: 24" Slide Rail for 19" Chassis
- RL-CC3001-00-0260: 26" Slide Rail for 19" Chassis



GHA-RSP-1U

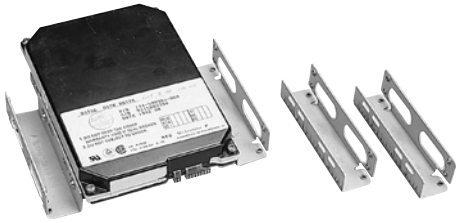
- Rackmount Rear Supporter
- For 1U Rackmount Chassis



GHA-RSP-2U

- Rackmount Rear Supporter
- For 2U and 2U up Rackmount Chassis

Accessories



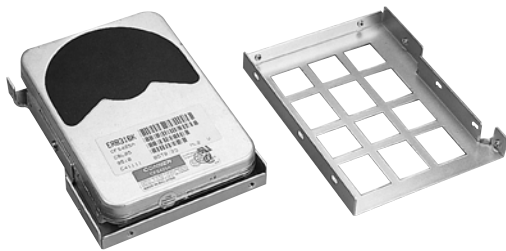
GHA-H300

- Holder Bracket for 3.5" Drive



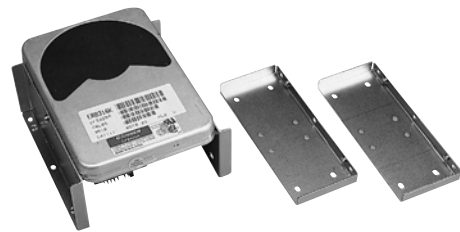
GHA-H414

- Holder Bracket for 3.5" Drive



GHA-H431

- "L" Shape Bracket for 3.5" Drive



GHA-H432

- "L" Shape Bracket for 2x3.5" Drive



GHA-H280

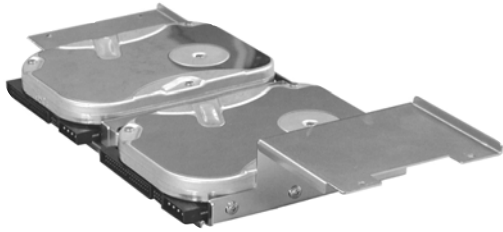
- Holder Bracket for GHI-280/281/282/283 Extra Drive



GHA-H380

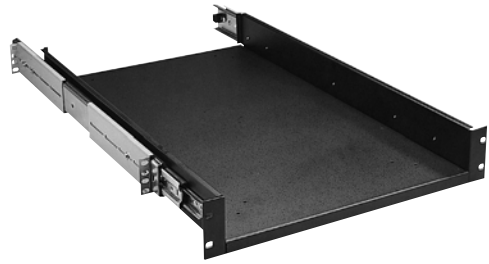
- Holder Bracket for GHI-380/381 Extra 1 or 2x3.5" Drives

Accessories



GHA-H480

- Holder Bracket for GHI-480/481 Extra 2x3.5" Drives



GHA-1520

- GHS-1500, GHS-2000 Rackmount Tray



GHA-4HL

- Handle with "L" shape Bracket for 4U Rackmount Chassis



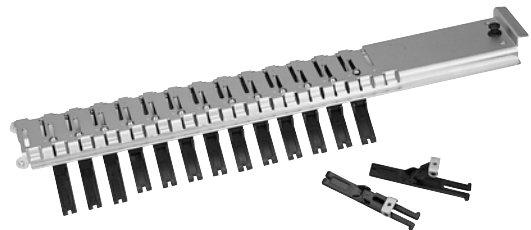
GHA-4UL

- "L" Shape Bracket for 4U Rackmount Chassis



GHA-4UH

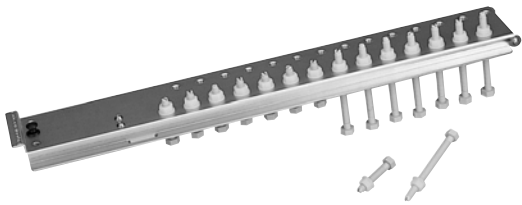
- Chromium-Plated Handle for 4U Chassis



GHA-TE01

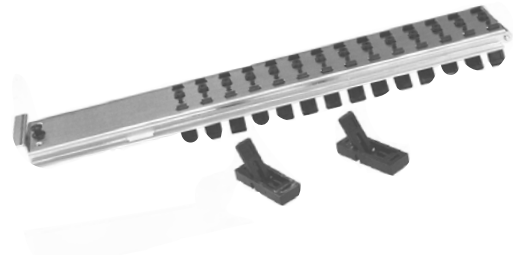
- Adjustable Trigger Type Hold Down Bar

Accessories



GHA-YT01

- Adjustable Screw Type Hold Down Bar



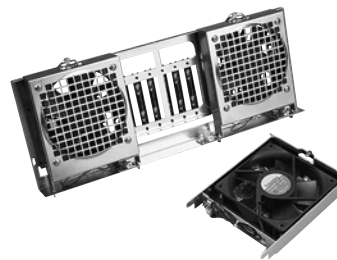
GHA-410

- Adjustable 2 Section Type Hold Down Bar



GHA-418

- Adjustable Flipper Type Hold Down Bar



GHA-F123

- Hot-Swappable Ball Bearing Fan Set
- 3x(12cm) DC Fans, 90CFM ea.
- 5U Chassis Application



GHA-F418

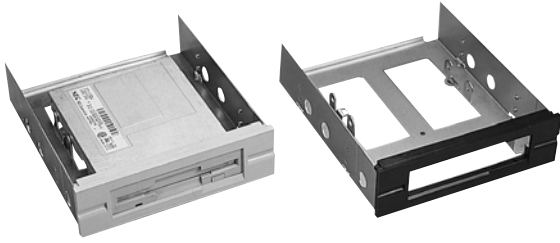
- Extra Cooler for GH-418 Model
- 3 Sets of 12V DC Blower, 32CFM ea.
- Dimension: 108x306x28mm



GHA-F520

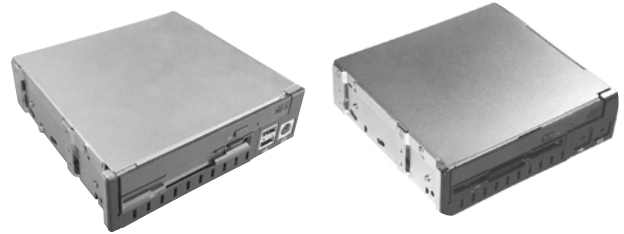
- Extra Cooler for GH-5U Chassis
- 3 Sets of 12V DC Blower, 32CFM ea.
- Dimension: 108x372x28

Accessories



GHA-FM01

- Drive Adapters
To mount a 3.5" Drive Into one 5.25" Drive Bay



GHA-FM03/FH03

- Drive Loading Enclosure
- Concise in 5.25" Drive Bay
- FM03:1xSlim CD-ROM & 1x3.5" FDD Drive Bay
- FH03:1xSlim CD-ROM & 1xSlim FDD & 1x2.5" Drive Bay



GHA-FM04/FH04

- Drive Loading Enclosure
- Concise in 5.25" Drive Bay
- FM04:1xSlim CD-ROM & 1xSlim FDD & 1x2.5" Drive Bay
- FH04:1xSlim CD-ROM & 1x3.5" HDD Drive Bay



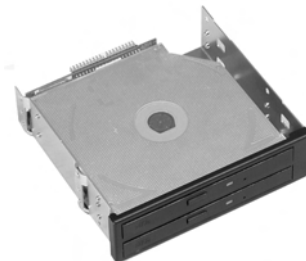
GHA-FM05/FH05

- Drive Loading Enclosure
- Concise in 5.25" Drive Bay
- FM05:1xSlim CD-ROM & 1xSlim FDD Drive Bay
- FH05:1xSlim CD-ROM & 1x2.5" HDD Drive Bay



GHA-FM06

- Drive Loading Enclosure
- Concise in 5.25" Drive Bay
- 3.5" Drive Space with IDE/SATA/SCSI320/SAS Backplane (Optional)



GHA-FM07

- Drive Loading Enclosure
- Concise in 5.25" Drive Bay
- 2xSlim CD-ROM Drive Bay

Accessories



GHA-FM801

- Drive Loading Enclosure
- Concise in 3.5" Drive Bay
- Support one 3.5" Drive



GHA-F11

- Drive Loading Enclosure
- Concise in 5.25" Drive Bay
- 1x3.5"FDD & 1x2.5"HDD Drive Bay



SDR-083

- Slim DVD-ROM With IDE Adaptor
- Support any OS System including Linux, Win2000, WinXP, Solaris.
- DVD 8X/ CD 24X, 12.7mm Drawer, DVD-Multi R, SMART-X, DFS mechanism.
- Master/ Slave Adjustable (Default is Master).
- Only Black Color Available.



SDW-082S

- Slim DVD Rewritable Drive With IDE Adaptor
- Support any OS Systems Including Linux, Win2000, WinXP, Solaris.
- 8X DVD+R, 4X DVD-R, 4X DVD+RW, 4X DVD-RW, 24X CD-R, 10X CD-RW.
- 8X DVD/ 24X CDR as Reading Speed.
- Master/ Slave Adjustable (Default is Master).
- Only Black Color Available.



GHA-SR242

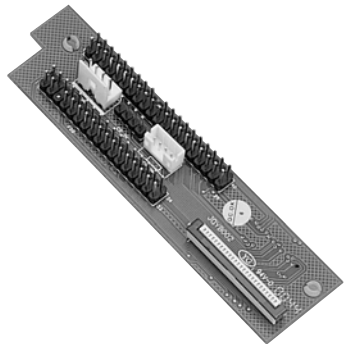
- Brand: Mitsumi
- Model: SR242(24xslim CD-ROM)



GHA-D353

- Brand: Mitsumi
- Model: D353F3 (Slim FDD, 1.44MB, 3 Mode)

Accessories



GHA-K002

- Adapter For Slim CD-ROM & Slim FDD



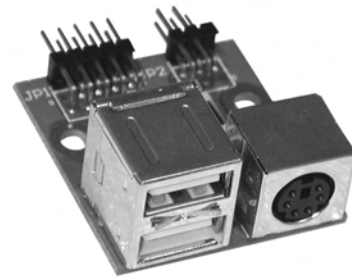
GHA-K003

- Adapter For Slim CD-ROM



GHA-K004

- Adapter For Slim FDD



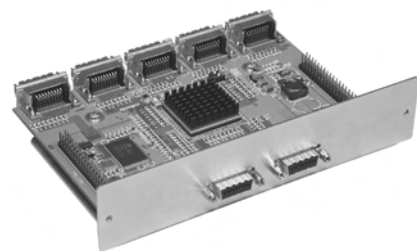
GHA-K005

- Adapter For 2xUSB & 1xPS2



GHA-K006

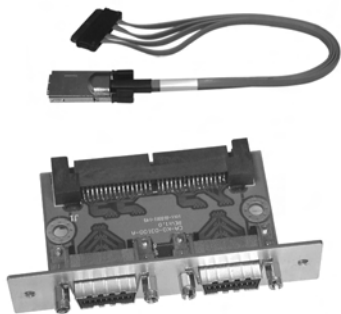
- Adapter For 2 USB



GHA-SAS-A

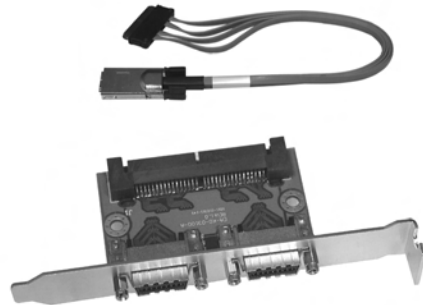
- SAS Expander
- Support up to 20pcs HDD
- Infiniband 25 Pin Connector

Accessories



GHA-SAS-B

- SAS Adapter With SCSI Mounting Plate
- Infiniband 25 Pin to Multilane 32 Pin Cable (500mm)



GHA-SAS-C

- SAS Adapter With PCI Mounting Plate
- Infiniband 25 Pin to Multilane 32 Pin Cable (500mm)



GHA-FM09

- Drive Adapter
- To Mount a 2.5" Swappable Drive Into one 3.5" Drive Bay
- Interface: SATA, PATA



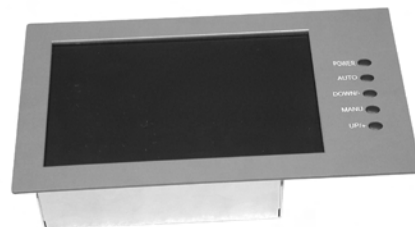
GHA-F10

- Drive Adapter
- To Mount a 3.5" Swappable Drive Into one 5.25" Drive Bay
- Interface: PATA, SATA, SCSI320, or SAS



GHA-M06

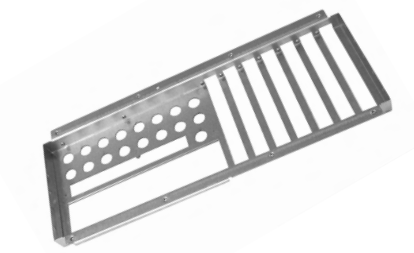
- 6.4" TFT LCD Module
- Resolution: 640 x 480
- Luminance: 230 cd/m²
- Switch: Power, Menu



GHA-M07

- 7" TFT LCD Module
- Resolution: 640 x 480
- Luminance: 230 cd/m²
- Switch: Power, Menu

Accessories



GHA-DVR-17H

- For 4U up to 8U Chassis
- Support 17 BNC Connectors



GHA-BW205

- for 2U Chassis
- Support 2 Horizontal Expansion Slots for fitting on the 5th M/B Slot



GHA-BW206

- for 2U Chassis
- Support 2 Horizontal Expansion Slots for fitting on the 6th M/B Slot



GHA-BW256

- for 2U Chassis
- Support 2 Horizontal Expansion Slots for fitting on the 5th & 6th M/B Slot



GHA-BW305

- for 2U Chassis
- Support 3 Horizontal Expansion Slots for fitting on the 5th M/B Slot



GHA-BW306

- for 2U Chassis
- Support 3 Horizontal Expansion Slots for fitting on the 6th M/B Slot

Accessories



GHA-690-A

- Extra Bracket for GHI-690/691 Chassis
- Cooling: 4 x (40 x 28mm = 15.3CFM ea.) Fans



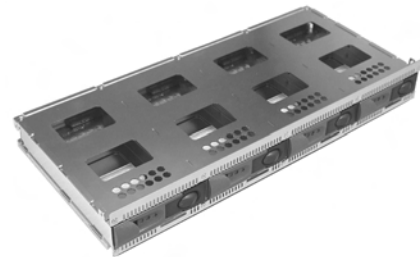
GHA-690-B

- Extra Bracket for GHI-690/691 Chassis
- Drive Capacity: 2x 5.25" CD-ROM



GHA-690-C

- Extra Bracket for GHI-690/691 Chassis
- Drive Capacity: 1x 5.25" CD-ROM & 2x 3.5"HDD
- Cooling: 2x (92mm = 30.5 CFM ea.) Blowers



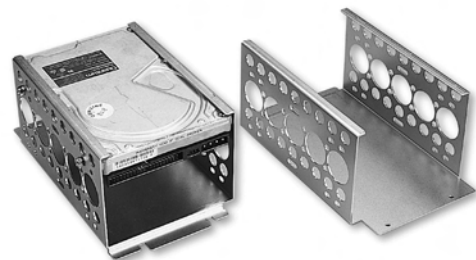
GHA-690-D

- Extra Bracket for GHI-690/691 Chassis
- Drive Capacity: 4x 3.5" Swappable Trays
- Drive Interface: SATA, SCSI 320 or SAS



GHA-H199

- "L" shape Bracket for 3.5" Drive



GHA-H211

- Holder Bracket for 3x3.5" Drives

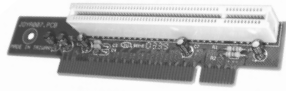
Riser Card

Model	Riser Card				Goden Finger Interface	Chassis	
	PCI	PCIe	AGP	AGP PRO			
GHP-100	1				(32bit)	GH-188ATX	
GHP-R0101	1				(32bit)	GHI-104/105/106/110/112/113/114/130/180/181	
GHP-R0102	1				(64bit 5.0V)	GHI-104/105/106/110/112/113/114/130/180/181	
GHP-R0103	1				(64bit 3.3V)	GHI-104/105/106/110/112/113/114/130/180/181	
GHP-R0110(GHP-141)	1				(32bit)	GHI-142	
GHP-R0119	1				(64bit 3.3V)	GHI-181WV2	
GHP-R0104	1				(64bit 3.3V)	GH-212ATX/231ATX/232ATX/241ATX/ 242ATXR/244ATXR/245ATX/GHI-210/213/230/ 252H/280/280WV2/281/281WV2/282/283/ 283WV2	
GHP-200	2				(16&32bit)		
GHP-205	1				(32bit)		
GHP-206	1				(32bit)		
GHP-R0301	3				(32bit)		
GHP-R0302	3				(64bit 5.0V)		
GHP-R0303	3				(64bit 3.3V)		
GHP-R0304	3				(64bit 3.3V)		
GHP-R0305	3				(64bit 5.0V)		
GHP-R0308	3				(32bit)		
GHP-R0309	1				(64bit 3.3V)		
GHP-AGP01	2		1		(32bit)		
GHP-AGP02	2		1		(32bit)		
GHP-AGP03	2			1	(32bit)		
GHP-AGP04	2			1	(64bit 3.3V)		
GHP-AGP05	2			1	(64bit 5.0V)		
GHP-AGP06	2			1	(64bit 3.3V)		
GHP-AGP07	2			1	(64bit 5.0V)		
GHP-PCI106H	1				(32bit 5.0V)		GHB-B05 , 1U Chassis
GHP-08X16		1					1U Chassis
GHP-19X16		1				1U Chassis	
GHP-U642-C7	3				2 x 64bit, 1 x 32bit	2U Chassis	
GHP-U656-C5	3				3 x 64bit	2U Chassis	
GHP-U740	2	1			2 x 32bit, 1 x PCIe x 16	2U Chassis	
GHP-U746-C9	2	1			2 x 64bit, 1 x PCIe x 16	2U Chassis	
GHP-U790	2	1			2 x 32bit, 1 x PCIe x 16	2U Chassis	
GHP-R0111	1				(32bit)	1U Chassis	
GHP-756	2	1			2 x 64bit, 1 x PCIe x 16	2U Chassis	
GHP-780	2	1			2 x 32bit, 1 x PCIe x 16	2U Chassis	
GHP-2UX26		1			1 x PCIe x 16	2U Chassis	

Passive Backplane

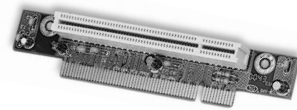
Model	Slot of Backplane			Power Connector			Chassis
	PCIMG	PCI	PCle	ISA	AT	ATX	
GHP-B2SD	1	1			X		GH-199B
GHP-G1UG1	1	1		1		X	GHI-100/101
GHP-AD3S2	1	2				X	GHI-100/101
GHP-B4PS1	1	4			X		GH-288SR
GHP-AD6S4	1	4		1	X	X	GHI-200/GH-288SR
GHP-B6SD	1	2		3	X		GH-288SR
GHP-P2UP4	2	4			X	X	GHI-200/GH-288SR
GHP-2004				4	X	X	GHB-B04
GHP-2204	2	3			X	X	GHB-B04
GHP-2006				6	X	X	GHB-060
GHP-2206	2	4		1	X	X	GHB-060
GHP-2308	1	3		4	X	X	GHB-B08
GHP-2008				8	X		GH-400S/402SR/403SR/410SR/411SR/414SR
GHP-2208	2	4		3	X	X	/416SR/418SR/419SR/431SR/GHB-080
GHP-2014				14	X	X	
GHP-2214	2	4		8	X	X	GH-400SR/402SR/403SR/410SR/411SR/414SR/416SR
GHP-P14P4	2	4		8	X	X	/418SR/419SR/431SR/GHS-1500/SG-4002XC
GHP-2214D	4	8		2	X	X	
GHP-2020				20	X		
GHP-2020S				20	X		
GHP-2220	3	4		13	X	X	GH-430SR/432SR/520SR/620SR/820SR/GHI-611/GHS-2000
GHP-2220G	2	12		6	X	X	
GHP-2220Q	8	12			X	X	
GHP-3002 new	1		1			X	1U Chassis
GHP-3102 new	1	1				X	1U Chassis
GHP-3305 new	1	3	1			X	2U Chassis
GHP-3410 new	1	4	5			X	4U Chassis
GHP-3414 new	1	4	5		X	X	4U Chassis
GHP-3608 new	1	6	1			X	GHB-080
GHP-3712 new	1	7	4			X	4U Chassis
GHP-P14P12 new	2	12		1	X	X	4U Chassis
GHP-N2UP5 new	1	2	2			X	GHI-200/GH-288SR

Riser Card Series



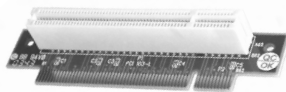
GHP-100

Independent 32 Bit PCI Slot only for GH-188 ATX model



GHP-R0110(GHP-141)

Independent 32 Bit PCI Slot For 1U Rackmount Chassis



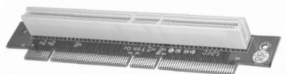
GHP-R0101

Independent 32Bit PCI Slot For 1U Rackmount Chassis



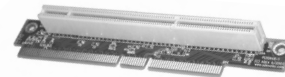
GHP-R0111

32Bit PCI Slot W/100mm Cable For 1U Rackmount Chassis



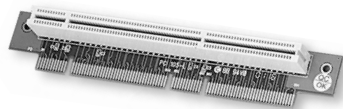
GHP-R0102

Independent 64Bit 5.0V PCI Slot For 1U Rackmount Chassis



GHP-R0119

Independent 64Bit 3.3V PCI Slot For 1U Rackmount Chassis



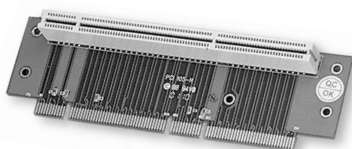
GHP-R0103

Independent 64Bit 3.3V PCI Slot For 1U Rackmount Chassis



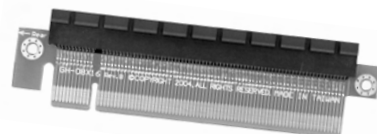
GHP-R0309

Independent 64Bit 5.0V PCI Slot For 1U Rackmount Chassis



GHP-R0104

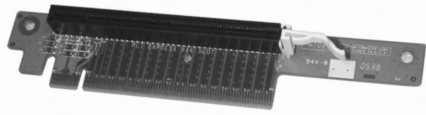
Independent 64Bit 3.3V PCI Slot For 2U Rackmount Chassis



GHP-08X16

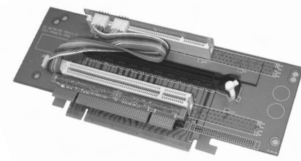
1 PCI Express For 1U Rackmount Chassis

Riser Card Series



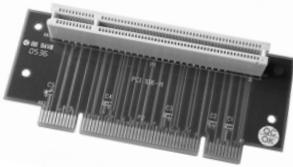
GHP-19X16

1 PCI Express X16 For 1U Rackmount Chassis



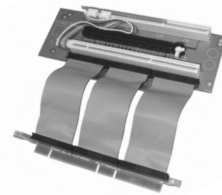
GHP-U740

1 PCI Express X16 + 2 PCI 32Bit For 2U Rackmount Chassis



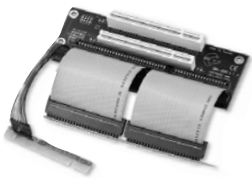
GHP-PCI106H

1 PCI 32Bit 5.0V For GHB-B05 or 1U Rackmount Chassis



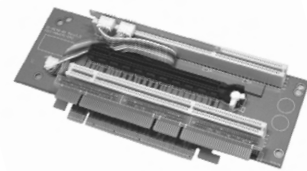
GHP-U746-C9

1 PCI Express X16+2 PCI-X64Bit 3.3V For 2U Rackmount Chassis



GHP-200

2 PCI or 1*PCI&1 ISA Expansion Slot For 2U Rackmount Chassis



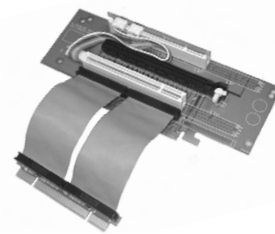
GHP-756

1 PCI Express X16+2 PCI-X64Bit 3.3V For 2U Rackmount Chassis



GHP-U642-C7

2 PCI-X 64Bit + 1 PCI 32Bit For 2U Rackmount Chassis



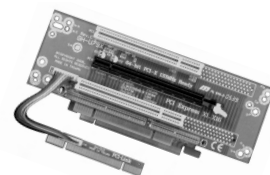
GHP-780

1 PCI Express X16+2 PCI 32Bit W/30 Pin 100mm Cable



GHP-U656-C5

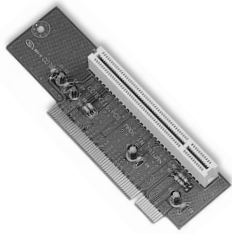
3 PCI-X 64Bit For 2U Rackmount Chassis



GHP-U790

2 PCI 5.0V 32Bit + 1 PCI Express X16 For 2U Rackmount Chassis

Riser Card Series



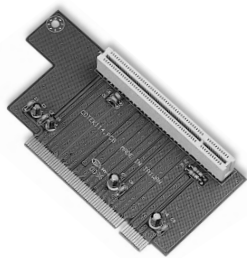
GHP-205

Independent 1-32Bit PCI Slot For 2U Rackmount Chassis



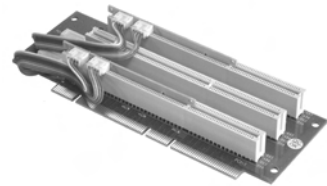
GHP-R0303

3-64Bit 3.3V PCI Slot For 2U Rackmount Chassis



GHP-206

Independent 1-32Bit PCI Slot For 2U Rackmount Chassis



GHP-R0304

3-64Bit 3.3V PCI Slot For 2U Rackmount Chassis



GHP-R0301

3-32Bit PCI Slot For 2U Rackmount Chassis



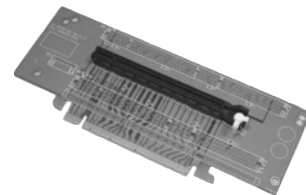
GHP-R0305

3-64Bit 5.0V PCI Slot For 2U Rackmount Chassis



GHP-R0302

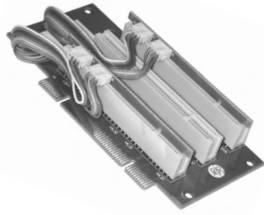
3-64Bit 5.0V PCI Slot For 2U Rackmount Chassis



GHP-2UX16

1 PCI Express X16 For 2U Rackmount Chassis

Riser Card Series



GHP-R0308

3-32Bit PCI Slot For 2U Rackmount Chassis



GHP-AGP04

2-64Bit 3.3V PCI Slot + 1 AGP PRO Slot For 2U Rackmount Chassis



GHP-AGP01

2-32Bit PCI Slot + 1 AGP Slot For 2U Rackmount Chassis



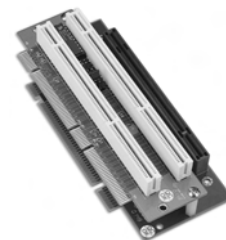
GHP-AGP05

2-64Bit 5.0V PCI Slot + 1 AGP PRO Slot For 2U Rackmount Chassis



GHP-AGP02

2-32Bit PCI Slot + 1 AGP Slot For 2U Rackmount Chassis



GHP-AGP06

2-64Bit 3.3V PCI Slot + 1 AGP PRO Slot For 2U Rackmount Chassis



GHP-AGP03

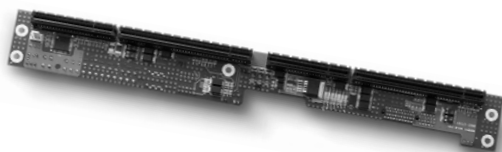
2-32Bit Slot + 1 AGP PRO Slot For 2U Rackmount Chassis



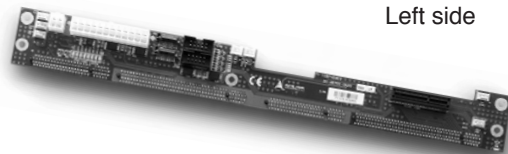
GHP-AGP07

2-64Bit 5.0V PCI Slot + 1 AGP PRO Slot For 2U Rackmount Chassis

Passive Backplane



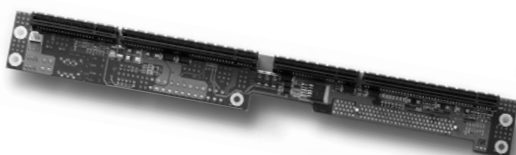
Right side



Left side

GHP-3002

1xPICMG 1.3 & 1xPCIex4



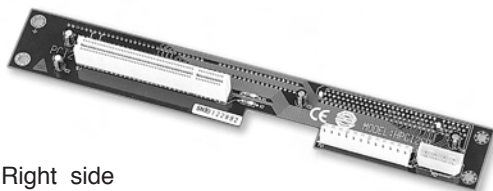
Right side



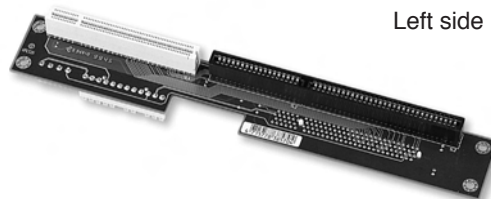
Left side

GHP-3102

1xPICMG 1.3 & 1xPCI



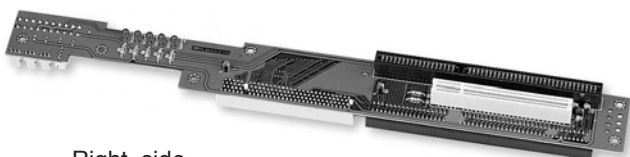
Right side



Left side

GHP-B2SD

1xPCI & 1xPICMG CPU Slot



Right side



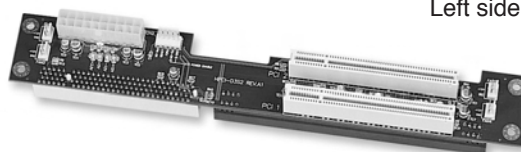
Left side

GHP-G1UG1

1xISA & 1xPCI & 1xPICMG CPU Slot



Right side

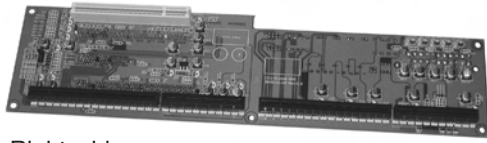


Left side

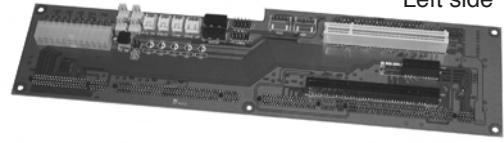
GHP-AD3S2

2xPCI & 1xPICMG CPU Slot

Passive Backplane



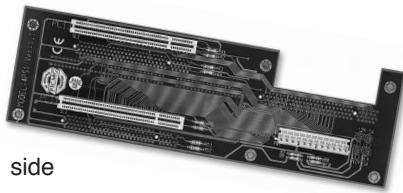
Right side



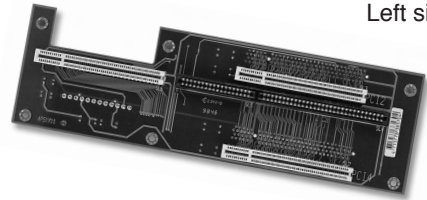
Left side

GHP-N2UP5

2xPCI & 2xPCI Express & 1xPICMG 1.3CPU Slot



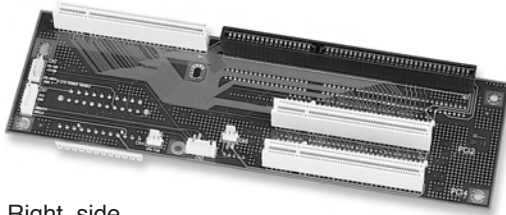
Right side



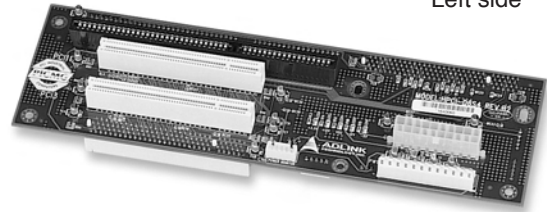
Left side

GHP-B4PS1

4xPCI & 1xPICMG CPU Slot



Right side



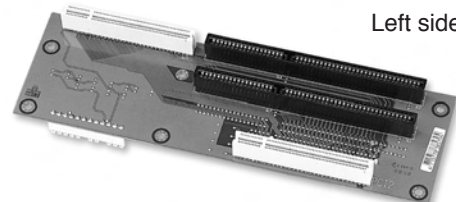
Left side

GHP-AD6S4

1xISA & 4xPCI & 1xPICMG CPU Slot



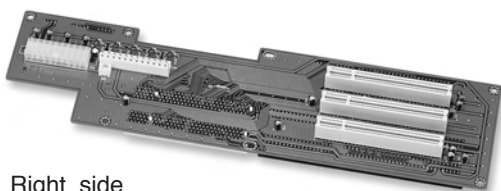
Right side



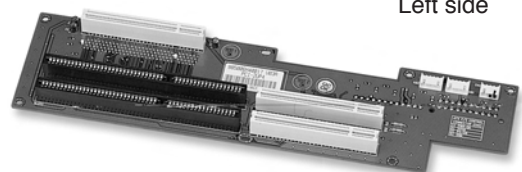
Left side

GHP-B6SD

3xISA & 2xPCI & 1xPICMG CPU Slot



Right side



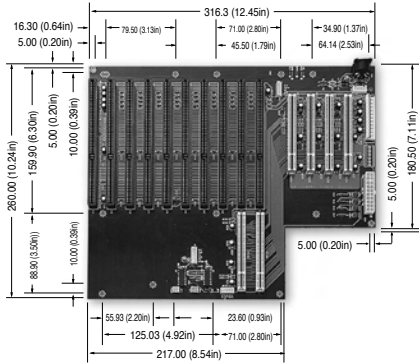
Left side

GHP-P2UP4

4xPCI & 2xPICMG CPU Slot

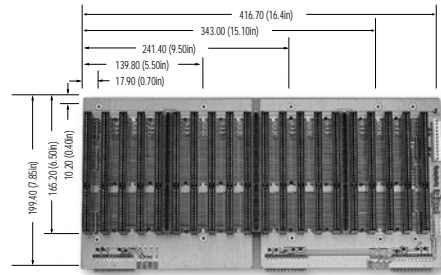
Right side

Passive Backplane



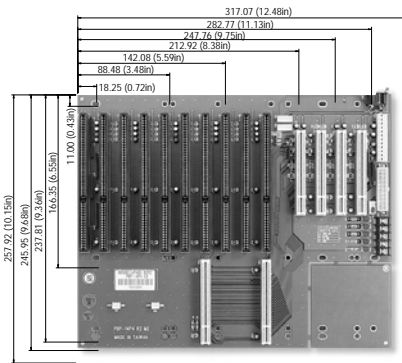
GHP-2214

8xISA & 4xPCI & 2xPICMG CPU Slot(Single System)



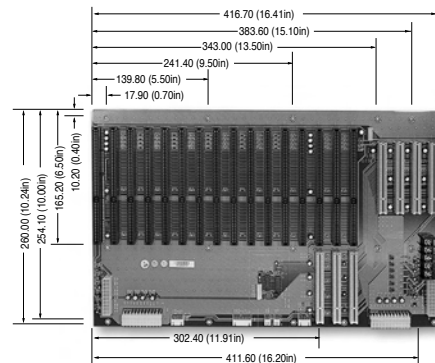
GHP-2020S

20xISA Slot(Quad System)



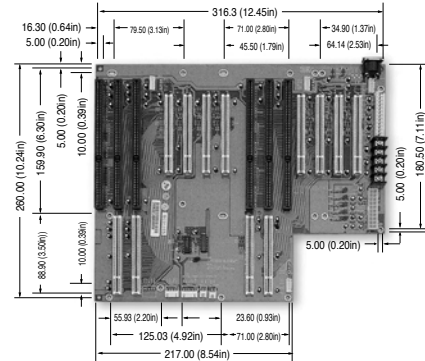
GHP-P14P4

8xISA & 4xPCI & 2xPICMG CPU Slot(Single System)



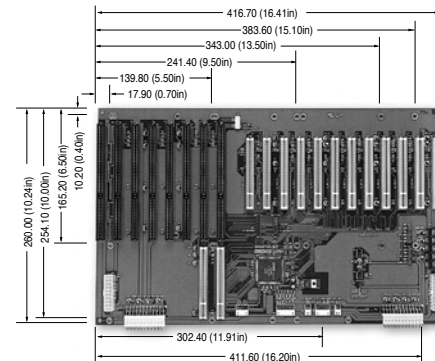
GHP-2220

13xISA & 4xPCI & 3xPICMG CPU Slot(Single System)



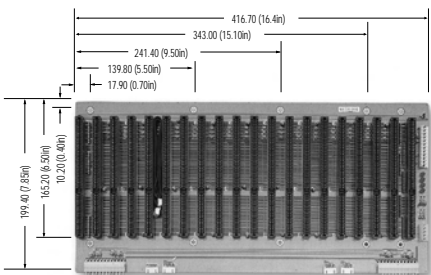
GHP-2214D

2xISA & 8xPCI & 4xPICMG CPU Slot(Dual System)



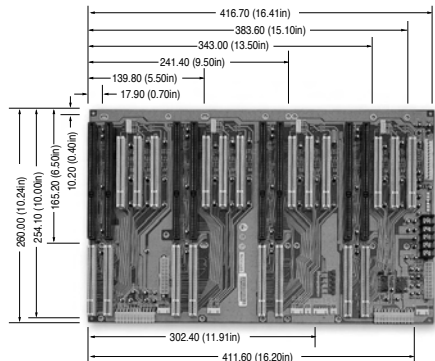
GHP-2220G

6xISA & 12xPCI & 2xPICMG CPU Slot(Single System)



GHP-2020

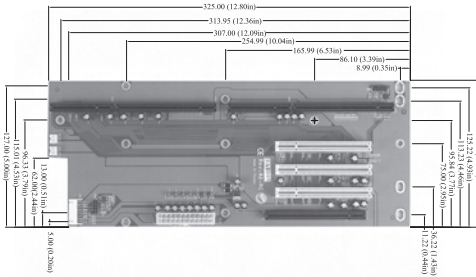
20xISA Slot



GHP-2220Q

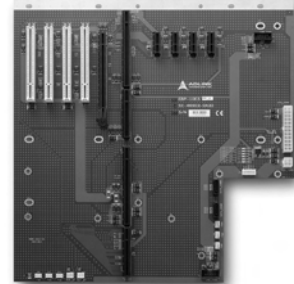
12xPCI & 8xPICMG CPU Slot(Quad System)

Passive Backplane



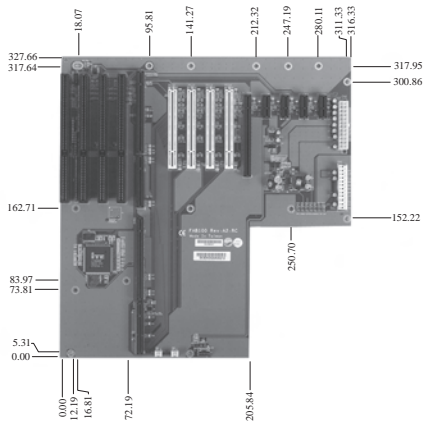
GHP-3305

1xPCIMG 1.3 & 3xPCI & 1x PCIe x16



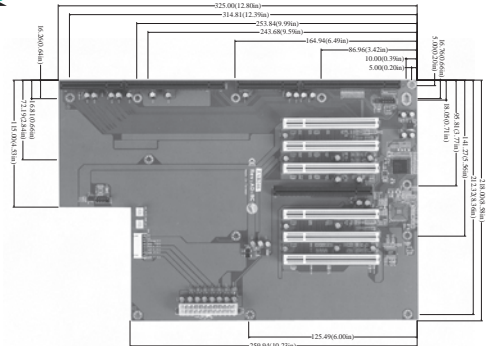
GHP-3410

1xPCIMG 1.3 & 4xPCI & 1x PCIe x16 & 4xPCle x1



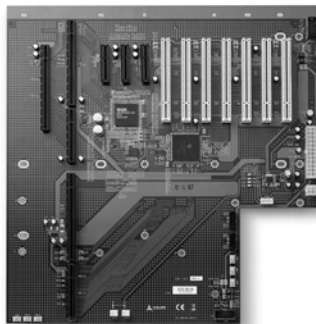
GHP-3414

1xPCIMG 1.3 & 4xPCI & 4xISA & 1x PCIe x16 & 4xPCle x1



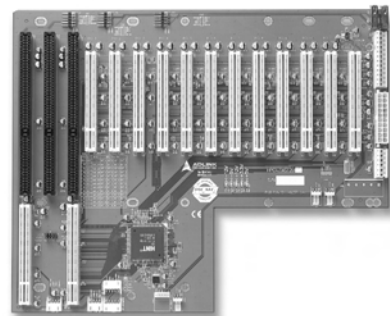
GHP-3608

1xPCIMG 1.3 & 6xPCI & 1x PCIe x16



GHP-3712

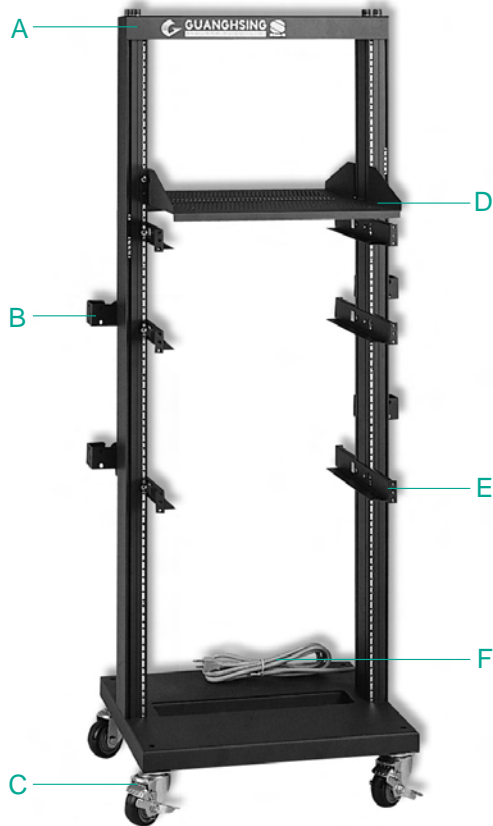
1xPCIMG 1.3 & 7xPCI & 1x PCIe x16 & 3xPCle x4



GHP-P14P12

2xPCIMG & 12xPCI & 1x ISA

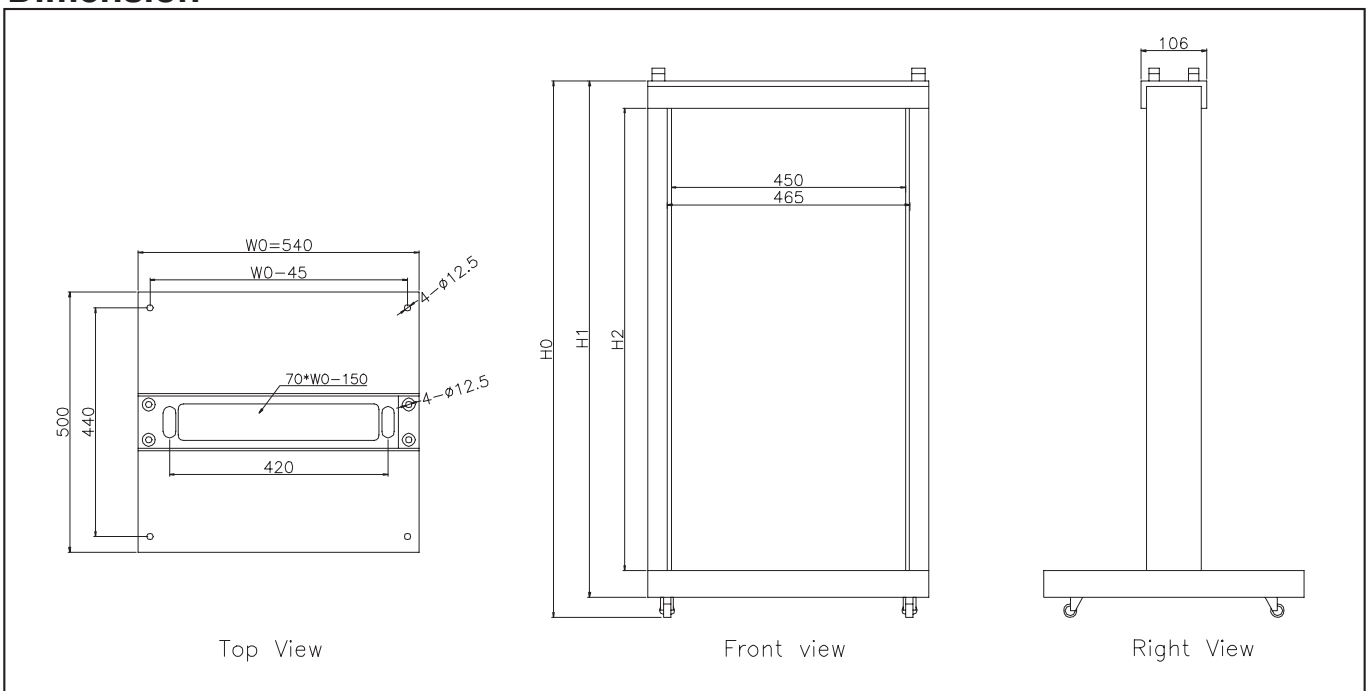
19" Open Rack Series



Specifications

- **Construction:** Aluminum Alloy
- **Color:** Beige or Black
- **Meet MIL-STD-167 & MIL-STD-810E Vibration Tests**
- **Applicable ANSI/EIA RS-310-C Standards**
- **Flexible & Easy Maintenance**
- **Standard Parts:** Main Frame(A) & 4xWheel(C) & 50xMounting Screws
- **Dimensions:**
 GHO-020: 540(W0)x1100(H0)x933(H1)x889(H2)x500(D0)mm
 21.3"(W0)x43.3"(H0)x36.7"(H1)x35.0"(H2)x19.7"(D0)
 GHO-035: 540(W0)x1767(H0)x1660(H1)x1556(H2)x500(D0)mm
 21.3"(W0)x69.6"(H0)x65.4"(H1)x61.3"(H2)x19.7"(D0)

Dimension



19" Open Rack Series

Optional Auxiliary Parts in Application

B



Cable Holder

- Used with Open Rack and to Keep any Cable line Tidy
- Model No.: GHO-H001
- Dimensions: 60(W)x80(H)x44(D)mm(2.4"x3.1"x1.7")

E



Mounting Support Bracket

- 1U High Bracket to mount Chassis
- Model No.: GHO-B400 (For Open Rack)
- Dimensions: 44(H)x500(D)mm(1.7"x19.7")

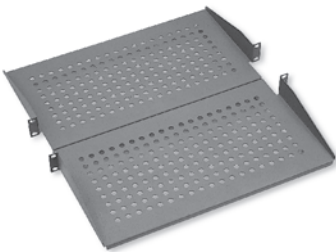
F



Mounting Support Bracket

- 1U High Bracket to mount Chassis
- Model No.: GHO-B500 (For 600mm Depth Cabinet)
- Dimensions: 44(H)x500(D)mm(1.7"x19.7")

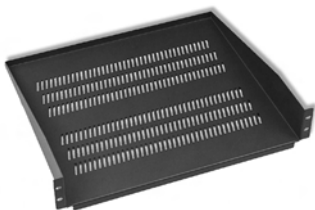
D



Full Size Support Tray

- To mount Open Rack, 2U High, suitable for non-standard and heavy weight application, can supporting for 60kg
- Model No.: GHO-T2200
- Dimensions: 483(W)x44(H)x500(D)mm(19"x1.7"x19.7")

D

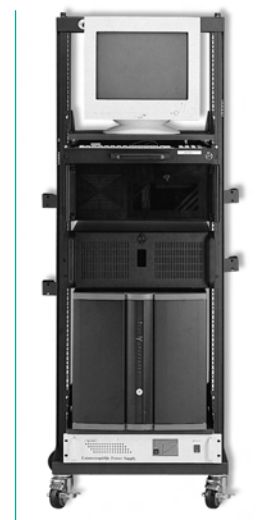


Half Size Support Tray

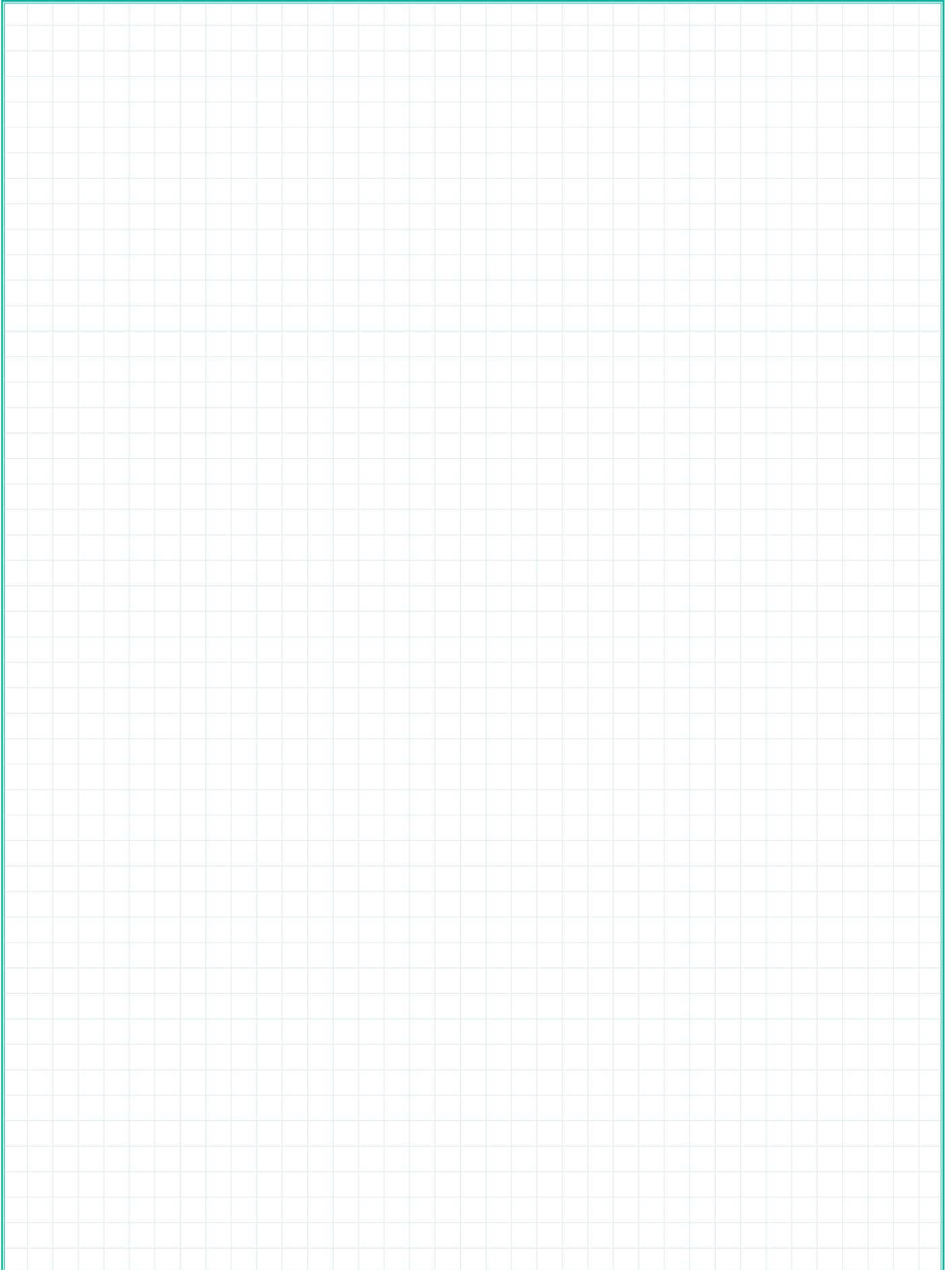
- To mount Open Rack, 2U High, suitable for non-standard and heavy weight application, can supporting for 25kg
- Model No.: GHO-T280
- Dimensions: 483(W)x88(H)x280(D)mm(19"x3.5"x11.0")
- Model No.: GHO-T400
- Dimensions: 483(W)x88(H)x400(D)mm(19"x3.5"x15.7")



Open Rack Application



NOTE



V211 MASTER BROCHURE
January, 2008



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