

RK-620

4U Rack Mounted Industrial Chassis with 14-slot Backplane and Motherboard



Specifications

Dimensions	16.8 in x 7 in x 17.4 in (427 mm x 177 mm x 447.9 mm) (W x H x D)
Drive Bays	Two 5.25" and one 3.5" front external One 3.5" internal
Construction	Heavy-duty steel
Color	Beige/black
Cooling	120 mm x 120 mm x 25 mm DC ball bearing fan
Front Panel	Front door with lock, two USB connectors HDD active and system power status LEDs System reset switch, ATX power switch and K/B lock switch
Backplane	14-slot passive backplane MicroATX & ATX motherboard
Power Supply	PS2 form factor ATX
Carton Size	25 in x 13.8 in x 23.4 in (635 mm x 350 mm x 595 mm) (W x H x D)
Weight	Net 12 kg (26.4 lb)

Backplane Options

Model Name	PICMG [®] SBC	PCIe x1	PCIe x4	PCIe x16	PCI	ISA	PSU Connector
EBP-10E5	1	4	--	1	4	--	ATX
EBP-13E2	1	--	1	1	10*	--	ATX
EBP-13E4	1	--	3	1	7	--	ATX
WBP-13E4	1	--	3	1**	8*	--	ATX
HPCI-13S4LU	3	--	--	--	4	7	ATX/AT
HPCI-14S12U	2	--	--	--	12	1	ATX/AT
HPCI-14S/ATX	2	--	--	--	4	8	ATX/AT

* Missing one PCI

** PCIe x8 Signal

Mechanical Layout



Features

- EIA RS-310C 19" rack mount standard
- Supports 14-slot backplane and ATX motherboard
- Two 5.25" external, one 3.5" external and one 3.5" internal drive bay
- Two USB ports inside front I/O
- Replaceable, easy-to-clean air filter
- PS2 ATX power supply

Power Supply Options

Model Number	Watt	Input Range	Output (Max.)						
			+5 V	+3.3 V	+12 V1	+12 V2	-12 V	-5 V	+5 Vsb
APS930XA-ATX12	300 W	Universal	16 A	19 A	17 A	17 A	0.5 A	0.3 A	3 A
APS935XA-EPS12	350 W	Universal	20 A	21 A	16 A	16 A	0.5 A	0.3 A	3 A
APS946XA-EPS12	460 W	Universal	20 A	24 A	16 A	16 A	0.5 A	0.3 A	3 A
APS-960XA-EPS12	600 W	Universal	25 A	25 A	16 A	16 A	0.5 A	0.3 A	4 A

Ordering Information

Model Number	Color	Description
RK-620MB-W	Beige	4U rack mount industrial chassis supporting 14-slot motherboard
RK-620-MB	Black	4U rack mount industrial chassis supporting 14-slot motherboard
RK-620-W	Beige	4U rack mount industrial chassis supporting 14-slot backplane
RK-620	Black	4U rack mount industrial chassis supporting 14-slot backplane

Dimensions

Units: mm

