

RK-460

4U Rackmount Industrial Chassis supports 14-slot Backplane and Motherboard



Specifications

Dimensions	16.8 in x 7 in x 17.8 in (426.5 mm x 177 mm x 451 mm) (W x H x D)
Drive Bays	Three 5.25" and one 3.5" front accessible drive bays One internal 3.5" drive bay
Construction	Heavy-duty steel
Color	Black
Cooling Fans	One 120 mm x 120 mm x 25 mm ball bearing fan and one optional 80 mm x 80 mm x 25mm fan (push cooling)
Front Panel	Front door with lock, two USB connector System reset switch, ATX power switch and keyboard lock switch
Backplane	14-slot passive backplane (RK-460) microATX & ATX motherboard (RK-460MB)
Power Supply	Supports PS2 form factor ATX power supply
Carton Size	24.8 in x 13 in x 21.9 in (630 mm x 330 mm x 555 mm)
Weight	Net 18 kg (39.6 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
HPCI-13S4LU	3	--	--	--	4	7	ATX/AT
HPCI-14S7U	3	--	--	--	7	5	ATX/AT
HPCI-14S12U	2	--	--	--	12	1	ATX/AT
HPCI-14S/ATX	2	--	--	--	4	8	ATX/AT

Mechanical Layout



Features

- EIA RS-310C 19" Rackmount Standard
- Supports 14-slot backplane (RK-460) and ATX motherboard (RK-460MB)
- Three 5.25" external, one 3.5" external, and one internal 3.5" drive bays
- Two USB ports inside front door
- Replaceable and easy-to-clean air filter
- PS2 form factor ATX or mini redundant power supply
- I/O shield rear panel opening for motherboard version

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
APS-946XA-EPS12	460 W	Universal	20 A	24 A	16 A	16 A	0.5 A	0.3 A	3 A

Ordering Information

Model Number	Color	Description
RK-460	Black	4U rackmount industrial chassis supports 14-slot backplane
RK-460MB	Black	4U rackmount industrial chassis supporting Motherboard

Dimensions

Units: mm

