

# RK-610A, RK-610AM

## 4U Rackmount Chassis Supporting 14-slot Backplane and Motherboard



### Features

- EIA RS-310C 19" Rackmount Standard
- Supports 14-slot backplane (RK-610A) and ATX motherboard (RK-610AM)
- Three 5.25" external, one 3.5" external, and one internal 3.5" drive bays
- Drive bay with shock and vibration resistant design
- Two USB ports inside front door
- Replaceable and easy to clean air filter
- PS2 ATX & mini redundant power supply

### 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	Standard: beige and black
Cooling Fans	One 120 mm x 120 mm x 25 mm ball bearing fan and optional 80 mm x 80 mm x 25mm fan (push cooling)
Front Panel	Front door with lock, two USB connectors LEDs: HDD active and system power System reset switch, ATX power switch and K/B lock switch
Backplane	14-slot passive backplane (RK-610A) microATX & ATX motherboards (RK-610MB)
Power Supply	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 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
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



### 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	Backplane	Power Supply
NS-610B-14S7U-350	Black	HPCI-14S7U	APS-935XA-EPS12
NS-610W-14S12U-460	Beige	HPCI-14S12U	APS-946XA-EPS12
NS-610W-10E5-350	Beige	EBP-10E5	APS-935XA-EPS12
NS-610W-13E4-350	Beige	EBP-13E4	APS-935XA-EPS12
NS-610AM-350	Black	-	APS-935XA-EPS12
NS-610MBW-350	Beige	-	APS-935XA-EPS12

### Dimensions

