RK-190

1U Rackmount Industrial Chassis with 3-slot PICMG 1.3 Backplane and GbE



Features

- EIA RS-310C 19” Rackmount Standard
- One PICMG 1.3 SHB slot
- Two PCIe x4 expansion slots
  (1 PCIe x16 + 1 PCIe x4 optional)
- One GbE port on rear panel (PCIe from SHB)
- Two USB, one eSATA connectors on rear panel
- Chassis fan & fan duct for passive CPU heatsink
- One 2.5” HDD mobile rack (tray-less)
- Supports Flex ATX power supply
- LED indicators for system power and HDD

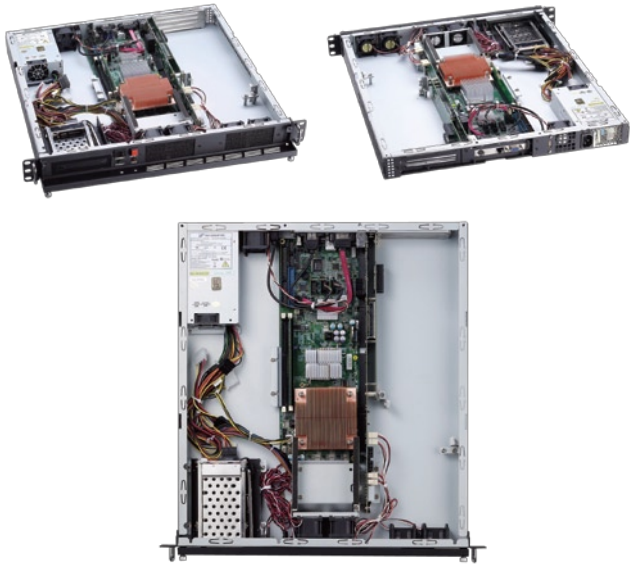
Specifications

Dimensions	19 in x 1.754 in x 17.7 in (483 mm x 44 mm x 450 mm) (W x H x D)
Drive Bays	One 2.5” HDD mobile rack (tray-less)
Construction	Heavy-duty steel
Color	Black
Cooling Fans	Three 40 x 40 x 28 mm & two 40 x 40 x 20 mm ball bearing fans
Front Panel	LEDs: HDD activity and system power
	System reset switch and ATX power switch
Rear Panel	Two USB connectors, one E-SATA connector, one RJ-45 Gigabit LAN connector
Ethernet	Intel® 82574L GbE controller on backplane (PCIe x1 interface to SHB)
Expansion	Two PCIe x4 expansion slots (1 PCIe x16 + 1 PCIe x4 optional)
Carton Size	15.55 in x 14.37 in x 8.46 in (395 x 365 x 215mm)
Weight	Net 5.6 kg (12.3 lb)

Backplane Options

Model Name	PICMG® SBC	PCIe x1	PCIe x4	PCIe x16	PCI	ISA	PSU Connector
EBP-1UX4	1	--	2	--	--	--	ATX

Mechanical Layout



Power Supply Options

Model Number	Watt	Input Range	Output (Max.)					
			+5 V	+3.3 V	+12 V	-12 V	-5 V	+5 Vsb
APS-925XU	250 W	Universal	14 A	12 A	18 A	0.3 A	-	2.5 A

Ordering Information

Model Number	Color	Backplane	Power Supply
NS-190-1UX4-250	Black	EBP-1UX4	APS-925XU

Dimensions

Units: mm

