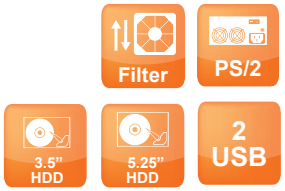
AREMO-2175PA

19" 2U industrial rack-mount chassis for PICMG backplane



The AREMO-2175PA, 19" 2U Rack-mount, designed for PICMG 1.3 can support 6-slot backplane that also builds two hot-swap

3.5"SATA HDD driver bays and two USB interface on front panel. AREMO-2175PA can equip high wattage PS/2 form factor PSU.

The build-in replaceable air filters are for easy maintenance. AREMO-2175PA is suitable for Factory and Server applications.

FEATURES

- One slim CD-ROM and two hot-swap 3.5" HDD (SATA) Drive bays
- Two USB ports on the front panel
- Two 7cm ball-bearing cooling fans for better ventilation
- PS/2 or Mini-reduncant power supply installable
- One power On/Off switch with protection cap and one touch free reset for secure access

ORDERING GUIDE

- **AREMO-2175-PA**
  19" 2U rack-mount chassis for PICMG backplane
- **AREMO-2175-PA/B**
  19" 2U black rack-mount chassis for PICMG backplane

GENERAL

Construction	Heavy-duty steel
Drive Bay Internal	1x 3.5" HDD
Drive Bay External	1x Slim type CD-ROM, 2x Hot-swap 3.5" HDD
Card Retainer	Two locations for one card retainer
Air Filter	One external replaceable air filter
Cooling Fan	Two 7cm ball-bearing fans
Indicator	1x HDD+ 1x Power On/Off
Switch	1x Power On/Off (with a protection cap), 1x System reset
Connector	2x USB ports on the front panel
Standard Color	Beige, Black
Dimension	482(W) x 429.2(D) x 88.6(H) mm
Weight	11 kg
Backplane	PBPE-06V464: 6-slot [PCIe (1), PCI (0), PCI-X (4)] PCIMG 1.3 backplane PBPE-06V3: 6-slot [PCIe (2), PCI (3), PCI-X (0)] PCIMG 1.3 backplane PBPE-06V: 6-slot [PCIe (5)] PCIMG 1.3 backplane

POWER SUPPLY

Maximum output	500W active PFC
Output Voltage & Current	+ 5V@22A; +12V1@20A; +12V2@25A; +3.3V@10A; -12V@0.3A,+5Vsb@2.5A
Input Voltage	90V ~ 264V AC, full range
Input Frequency	50 ~ 60Hz
Input Current	10A@110V, 5A@240V
Efficiency	> 80%
MTBF	100,000 hrs
EMI & Safety Approval	UL, TUV, CE, FCC, CB, CCC, BSMI, BIS

ENVIRONMENT

Operating Temperature	0°C ~ 50°C
Storage Temperature	0°C to 85°C
Relative Humidity	Heavy-duty steel
Vibration	5~7 Hz: 0.5" double amplitude displacement 7~2000 Hz: 1.5g acceleration

FEATURE	BENEFITS
■ 500W Active PFC power supply	■ Sufficient power source for Intel® Desktop Platform
■ Two 7cm high speed fans	■ Better ventilation to enhance system reliability
■ Two swappable SATA HDD drive bays	■ Easy to access HDD drives
■ Four Low profile PCI expansion slots	■ For system function expansion
■ Front replaceable air filters	■ Easy maintenance

REFINEMENT

Thumb Lock

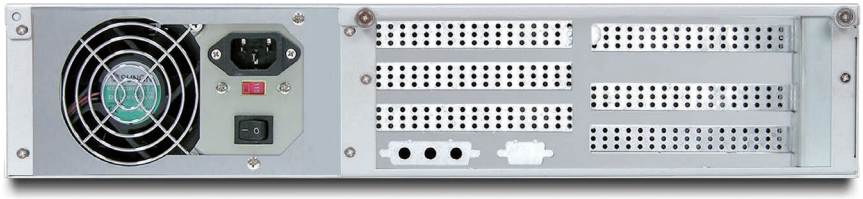
Convenient to operate or protect the system

Two Swappable SATA HDD Drives

Easy to access HDD drives

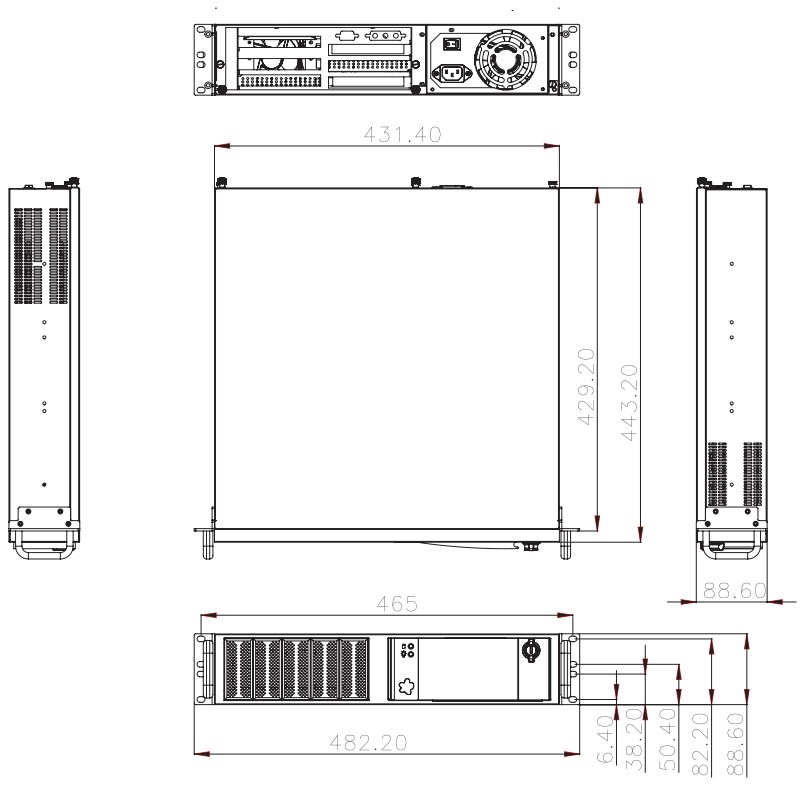
Front Replaceable Air Filters/Fans

Convenient to change air filters or fans when needed



Rear View

MECHANICAL DRAWING



Unit: mm