AREMO-2173P

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

3.5" HDD	2U
Filter	6 Slots
USB	PS/2
PICMG	

AREMO-2173P, 19" 2U Rack-mount, designed for PICMG 1.0/1.3 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-2173P can equip high wattage PS/2 form factor PSU. The build-in replaceable air filters are for easy maintenance. AREMO-2173P 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
- One power On/Off switch with protection cap and one touch free reset for secure access

ORDERING GUIDE

- **AREMO-2173P**

  19" 2U rack-mount chassis with vertical 6-slot (4x PCI) PICMG backplane

- **AREMO-2173P/B**

  19" 2U black rack-mount chassis with vertical 6-slot (4x PCI) PICMG 1.0 backplane

- **AREMO-2173PA**

  19" 2U rack-mount chassis with vertical 6-slot (4x PCI) PICMG 1.3 backplane

- **AREMO-2173PA/B**

  19" 2U black rack-mount chassis with vertical 6-slot (4x PCI) PICMG 1.3 backplane

GENERAL

Construction	Heavy-duty steel
Drive Bay	External: Slim type CD-ROM x1, Hot-swap 3.5" HDD x2
Air Filter	One external replaceable air filter
Cooling Fan	Two 7cm ball-bearing fans
Indicator	HDD x1+ Power on/off x1
Switch	Power on/off (with a protection cap) x1, System reset x1
Speaker	One 8Ω speaker
Connector	Two USB ports equipped on the front panel
Standard Color	Silver, Black
Dimension	482(W) x 429.2(D) x 88.6(H) mm; 19"(W) x 16.9"(D) x 3.5"(H)
Weight	Net: 11.0 kg (23.1 lb); Gross: 12.0 kg (25.3 lb)
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 PBPE-06V4: 6-slot [PCI (4), PCI-X (0)] PCIMG 1.0 backplane

POWER SUPPLY   *PLUTO-D3501PJ optional*

Maximum output	350W active PFC
Output Voltage & Current	+5V@12A; +12V1@18A; +12V2@18A; +3.3V@18A; -12V@0.3A, +5Vsb@2.5A
Input Voltage	90V ~ 264V AC, full range
Input Frequency	50 ~ 60Hz
Input Current	8A@115V, 8A@230V
Efficiency	> 80%
MTBF	100,000 hrs
EMI & Safety Approval	UL, TUV, CE, FCC, CB, VCCI, 80PLUS
Temperature/Humidity	Operating: 5 ~ 50°C, 20 ~ 85%RH Storage: -40 ~ 70°C, 10 ~ 95%RH
Dimension (WxDxH)	150 x 140 x 86 mm; 5.9" x 5.5" x 3.4"

ENVIRONMENT

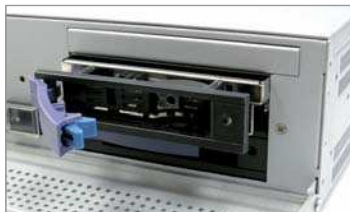|	
Operating Temperature Range	0 to +55°C
Storage Temperature Range	-20 to +80°C
Relative Humidity	5% to 95%, non-condensing
Vibration	5~7 Hz: 0.5" double amplitude displacement 7~2000 Hz: 1.5g acceleration

AREMO-2173P

FEATURE	BENEFITS
■ 350W 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
■ Up to 5 PCI expansion slots	■ For system function expansion
■ Front replaceable air filters	■ Easy cleaning

REFINEMENT

Thumb Lock

Convenient to operate or protect the system

Two Swappable SATA HDD Drives

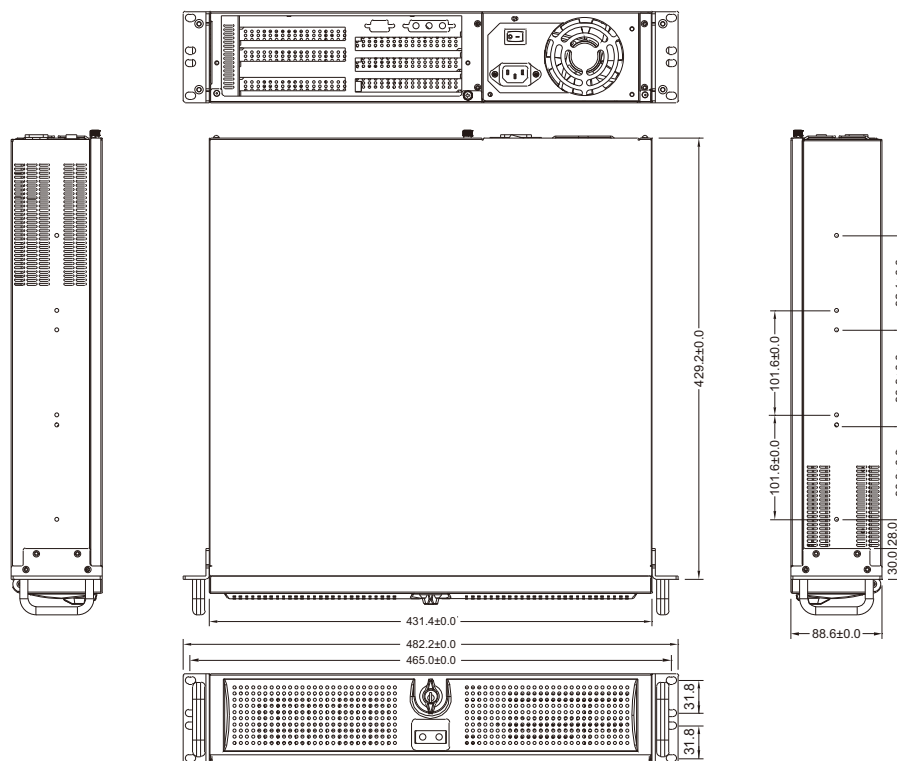Easy to access HDD drives

Front Replaceable Air Filters/Fans

Convenient to change air filters or fans when needed

Rear View

MECHANICAL DRAWING

Unit: mm