

AREMO-2173P

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



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: 1x Slim type CD-ROM, 2x Hot-swap 3.5" HDD
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
Speaker	One 8 Ω speaker
Connector	2x 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°C ~ 50°C, 20% ~ 85%RH Storage: -40°C ~ 70°C, 10% ~ 95%RH
Dimension (WxDxH)	150 x 140 x 86 mm; 5.9" x 5.5" x 3.4"

ENVIRONMENT

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

AREMO-2173P

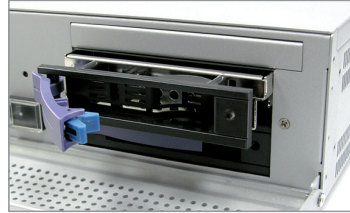
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FEATURE	BENEFITS
<ul style="list-style-type: none"> 350W Active PFC power supply 	<ul style="list-style-type: none"> Sufficient power source for Intel® Desktop Platform
<ul style="list-style-type: none"> Two 7cm high speed fans 	<ul style="list-style-type: none"> Better ventilation to enhance system reliability
<ul style="list-style-type: none"> Two swappable SATA HDD drive bays 	<ul style="list-style-type: none"> Easy to access HDD drives
<ul style="list-style-type: none"> Up to 5 PCI expansion slots 	<ul style="list-style-type: none"> For system function expansion
<ul style="list-style-type: none"> Front replaceable air filters 	<ul style="list-style-type: none"> Easy cleaning

REFINEMENT



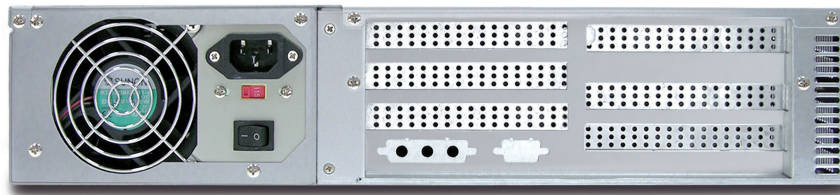
Thumb Lock
Convenient to operate or protect the system



Two Swappable SATA HDD Drives
Easy to access HDD drives

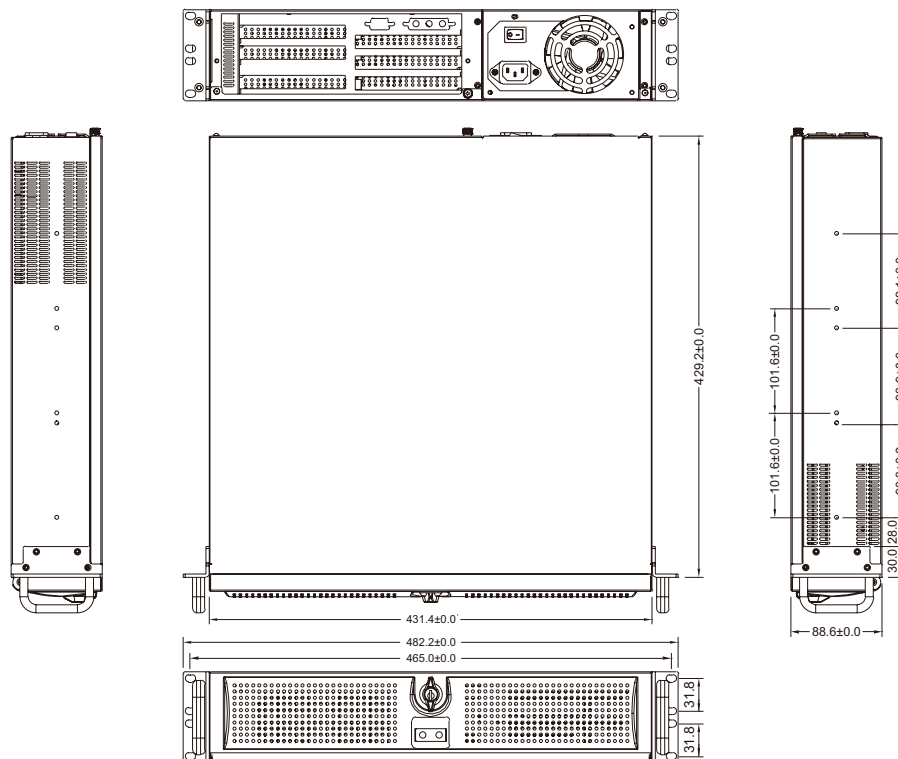


Front Replaceable Air Filters/Fans
Convenient to change air filters or fans when needed



Rear View

MECHANICAL DRAWING



Unit: mm