AREMO-6182

6-slot full-size industrial node chassis (Shoe-box)

5.25" HDD	PICMG
3.5" HDD	4U
Filter	6 Slots
USB	1U

AREMO-6182 is designed for PICMG 1.0/1.3 with 6-slot backplane that is 4U full size industrial node chassis built with one 5.25" HDD driver space for CD/DVD-ROM, one internal 3.5" HDD driver bays and replaceable air filter for easy maintenance. AREMO-6182 equips two USB interface on front panel, and also high wattage 1U form factor PSU. The compact size feature of AREMO-6182 is suitable for Industrial and Engineering applications.

FEATURES

- One external 5.25" and one 3.5" internal HDD drive bay
- One replaceable air filter for easy cleaning
- Can be vertically or horizontally mounted, easy to fit into space limited environment
- One 12cm ball-bearing cooling fan for better ventilation
- The fan filter panel can be installed in different directions
- Two adjustable positions for hold-down card retainers provide better protection from vibration
- Wall-mounting bracket equipped
- Both 6-slot PICMG 1.0 or 1.3 backplane applicable; easy to change different backplanes

ORDERING GUIDE

- **AREMO-6182/B**
  6-slot full-size industrial black node chassis adapted with 6-slot PICMG backplane

GENERAL

Construction	Heavy-duty steel
Drive Bay	External: 5.25" x1
	Internal: 3.5" HDD x1
Card Retainer	Two locations for one card retainer
Air Filter	One replaceable air filter at the front door
Cooling Fan	One 12cm ball-bearing fan
Indicator	Power on/off x1, HDD x1
Switch	Power on/off x1, System reset x1
Speaker	One 8Ω speaker
Connector	2 USB ports
Standard Color	Black, Silver
Dimension	219(W) x 448(D) x 160(H) mm; 8.6"(W) x 17.6"(D) x 6.3"(H)
Weight	Net: 6.5 kg (14.3 lb); Gross: 8.0 kg (17.6 lb)
Backplane	PBP-06P4: 6-slot [PCIe (1), PCI (4), PCI (0)] PICMG 1.0 backplane
	PBP-06P3: 6-slot [PCIe (2), PCI (3), PCI (0)] PICMG 1.0 backplane
	PBP-06P2: 6-slot [PCIe (3), PCI (2), PCI (0)] PICMG 1.0 backplane

POWER SUPPLY   FSP350-701UH optional

Maximum output	350W active PFC
Output Voltage & Current	+5V@18A; +12V1@16A; +12V2@16A; +3.3V@16A; -12V@0.3A, -5V@0.3A, +5Vsb@2.5A
Input Voltage	90V ~ 264V AC, full range
Input Frequency	47 ~ 63Hz
Input Current	6A@115V, 3A@230V
Efficiency	> 80%
MTBF	100,000 hrs
EMI & Safety Approval	UL, TUV, CE, FCC, CB
Temperature/Humidity	Operating: 0 ~ 50°C, 5 ~ 90%RH
	Storage: -20 ~ 80°C, 5 ~ 95%RH
Dimension (WxDxH)	190x100x40.5 mm; 7.5"x3.9"x1.6"

ENVIRONMENT

Operating Temperature	0 to +50°C
Storage Temperature	-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

FEATURE	BENEFITS
■ One 5.25" drive bay for EZDRV	■ For both CD-ROM and FDD support or Hot-swappable HDD
■ One replaceable air filter	■ For easy cleaning
■ Can be vertically or horizontally mounted	■ Easy to fit into different space limited environment
■ Two adjustable positions for hold-down card retainer	■ For fixing all the cards more flexibly and tightly
■ Both 6-slot ISA and PICMG backplane applicable	■ Easy to change to different backplane and keep stock
■ Field replaceable power supply bracket for both normal PS/2 power supply and PS/2 type redundant power supply	■ For ease of maintenance
■ Removable fan kit	■ Easy to replace the broken fan

REFINEMENT

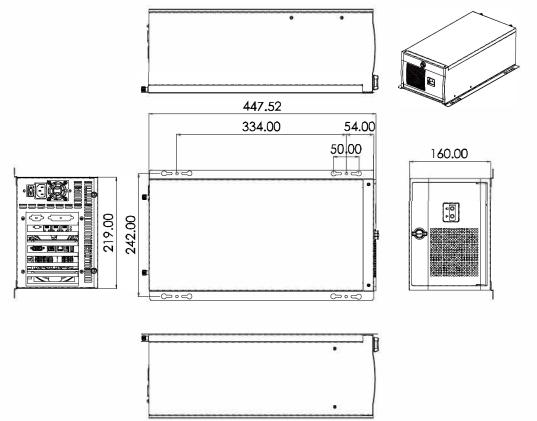**Plastic Fan Filter**

For easy cleaning and replacing

Can be Mounted in Different Styles

AREMO-6182 can be either vertically or horizontally installed

Dual Card Retainers

It has two positions for card clamps to hold both PCI and ISA cards tightly

MECHANICAL DRAWING

447.52

334.00

54.00

50.00

160.00

219.00

242.00

Unit: mm