

AREMO-6182

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



FEATURES

- One external 5.25" and one internal HDD drive bays
- One replaceable air filter for easy cleaning
- Can be vertically or horizontally mounted, easy to fit into space limited environment
- One 12 cm 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
- Both 6-slot ISA and PICMG backplane applicable; easy to change different backplanes
- Field replaceable power supply bracket for both normal PS/2 and PS/2 redundant power supply, easy for changing defective power supply

ORDERING GUIDE

- **AREMO-6182-06P3-350X**
6-slot full-sized industrial node chassis with 6-slot (3xPCI) PICMG backplane and 1U 350W ATX, Active PFC power supply
- **AREMO-6182-06P4-350X**
6-slot full-sized industrial node chassis with 6-slot (4xPCI) PICMG backplane and 350W Active PFC ATX power supply

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 12 cm ball-bearing fan
Indicator	Power on/off x1, HDD x1
Switch	Power on/off x1, System reset x1
Speaker	One 8 Ω 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: 8.5 kg (18.7 lb); Gross: 9.5 kg (20.9 lb)
Backplane	6-slot PISA bus PICMG backplane

POWER SUPPLY

FSP350-601UA optional

Input Voltage	90V ~ 132V, 180V ~ 265V AC
Input Frequency	47 ~ 63 Hz
Input Current	6A@115V, 3A@230V
Efficiency	> 65%
Holdup Time	18m Sec
Over Voltage Protection	+3.3V: 4.5V; +5V: 6.5V; +12V: 15.6V
Over Power/Load Protection	+3.3V: 45A; +5V: 45A; +12V: 20A
MTBF	100,000 hrs
EMI & Safety Approval	UL, CSA, VDE, FCC, CE, NEMKO
Temperature/Humidity	Operating: 0 ~ 50°C, 20 ~ 80%RH Storage: -40 ~ 70°C, 10 ~ 90%RH
Dimension (WxDxH)	150x140x86 mm; 5.9"x5.5"x3.4"

ENVIRONMENT

Operating Temperature Range	0 to +40°C
Storage Temperature Range	0 to +70°C
Relative Humidity	5% to 95%, non-condensing
Vibration	5~7 Hz: 0.5" double amplitude displacement 7~2000 Hz: 1.5g acceleration

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FEATURE	BENEFITS
■ 5.25" drive bays for CD-ROM or mobile rack	■ Easy to install software and mirror disk (RAID 1)
■ One replaceable air filter	■ Easy to operate the system
■ Can be vertically or horizontally mounted	■ For easy cleaning
■ Two adjustable positions for hold-down card retainer	■ Easy to fit into different space limited environment
■ Both 6-slot ISA and PICMG backplane applicable	■ For fixing all the cards more flexibly and tightly
■ Field replaceable power supply bracket for both normal PS/2 power supply and PS/2 type redundant power supply	■ Easy to change to different backplane and keep stock
■ Field replaceable power supply bracket for both normal PS/2	■ For ease of maintenance
■ Removable fan kit	■ Easy to replace the broken fan

WHAT'S NEW



Removable Fan Kit

Easy to replace the fan when the fan is broken



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

ENGINEERING DRAWING

