

AREMO-6182

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



FEATURES

- One external 5.25" and one 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
- 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 defected power supply

ORDERING GUIDE

- **AREMO-6182-06P3-350X**
6-slot full-size industrial node chassis with 6-slot (3xPCI) PICMG backplane and 1U 350W ATX, Active PFC power supply
- **AREMO-6182-06P4-350X**
6-slot full-size 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 12cm 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

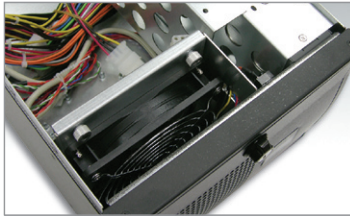
Operating Temperature Range	0 to +50°C
Storage Temperature Range	-20 to +80°C
Relative Humidity	5% to 95%, non-condensing
Vibration	5~7 Hz: 0.5" double amplitude displacement 7~2000 Hz: 1.5g acceleration

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FEATURE	BENEFITS
<ul style="list-style-type: none"> 5.25" drive bay for CD-ROM or mobile rack 	<ul style="list-style-type: none"> Easy to install software and mirror disk (RAID 1)
<ul style="list-style-type: none"> One replaceable air filter 	<ul style="list-style-type: none"> Easy to operate the system
<ul style="list-style-type: none"> Can be vertically or horizontally mounted 	<ul style="list-style-type: none"> For easy cleaning
<ul style="list-style-type: none"> Two adjustable positions for hold-down card retainer 	<ul style="list-style-type: none"> Easy to fit into different space limited environment
<ul style="list-style-type: none"> Both 6-slot ISA and PICMG backplane applicable 	<ul style="list-style-type: none"> For fixing all the cards more flexibly and tightly
<ul style="list-style-type: none"> Field replaceable power supply bracket for both normal PS/2 power supply and PS/2 type redundant power supply 	<ul style="list-style-type: none"> Easy to change to different backplane and keep stock
<ul style="list-style-type: none"> Field replaceable bracket for both normal PS/2 and redundant power supply 	<ul style="list-style-type: none"> For ease of maintenance
<ul style="list-style-type: none"> Removable fan kit 	<ul style="list-style-type: none"> Easy to replace the broken fan

WHAT'S NEW



Removable Fan Kit

Easy to replace the fan when 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

