



FEATURES

- 5.25"x3 +2 internal 3.5" HDD drive bays for RAID 0, 1, 5 & CD-ROM
- 2 USB ports at the front
- Two ball-bearing cooling fans (12cm x 1+ 8 cm x1) for better ventilation
- Three card retainer positions
- One modularized function panel for single (default) and dual (optional) systems
- PS/2 redundant power supply installable
- ATX M/B applicable, especially for big-AT size M/B

ORDERING GUIDE

- **AREMO-4185-14P4-330X**
19" 4U rack-mount chassis with 14-slot (4xPCI) PICMG backplane and 330W ATX power supply
- **AREMO-4185-14P4-D3501P**
19" 4U rack-mount chassis with 14-slot (4xPCI) PICMG backplane and 300W PFC ATX power supply
- **AREMO-4185-14A7-330X**
19" 4U rack-mount chassis with 14-slot (7xPCI) PICMG backplane and 330W ATX power supply
- **AREMO-4185-14A7-D3501P**
19" 4U rack-mount chassis with 14-slot (7xPCI) PICMG backplane and 350W PFC ATX power supply
- **AREMO-4185-MX-330X**
19" 4U rack-mount chassis for ATX motherboard with 330W ATX, PFC power supply
- **AREMO-4185-MX-D3501P**
19" 4U rack-mount chassis for ATX motherboard with 350W ATX, PFC power supply

GENERAL

Construction	Heavy-duty steel with aluminum front panel
Drive Bay	External: 5.25"x3 Internal: 3.5" HDD x2
Air Filter	Three locations for one card retainer
Cooling Fan	One 12 cm and one 8 cm ball-bearing cooling fans
Indicator	Power on/off x1, HDD x1
Switch	Power on/off x1, System reset x1
Speaker	One replaceable filter
Connector	2 USB ports on the front panel
Standard Color	Silver
Dimension	482(W) x 461(D) x 177(H) mm; 19"(W) x 18.1"(D) x 7"(H)
Weight	Net: 13.5 kg (29.8 lb); Gross: 14.5 kg (32 lb)
Backplane	PBP-14I: 14-slot ISA backplane PBP-14AC: 14-slot (12xPCI) active PICMG backplane PBP-14A7: 14-slot (7xPCI) active PICMG backplane PBP-14P4: 14-slot (4xPCI) PICMG backplane PBP-13D4: 13-slot dual-system PICMG backplane

POWER SUPPLY

PW-330ATXE-12V optional

Input Voltage	90V ~ 132V, 180V ~ 264V AC selectable
Input Frequency	47 ~ 63 Hz
Input Current	10A@115V, 5A@230V
Efficiency	> 68%
Holdup Time	16.7 ms. at full load
Over Voltage Protection	+5V: 5.6 ~ 6.5V; +3.3V: 4.0 ~ 4.5V; +12V: 13.5 ~ 15.5V
Over Power/Load Protection	+5V, +3.3V, +12V, output power over 105% ~ 160%
MTBF	100,000 hrs
EMI & Safety Approval	UL, cUL, TUV, CE, FCC
Temperature/Humidity	Operating: 0 ~ 40°C, 10 ~ 90%RH Storage: -40 ~ 70°C, 5 ~ 95%RH
Dimension (WxDxH)	150x140x86 mm; 5.9"x5.5"x3.4"

ENVIRONMENT

Operating Temperature Range	0 to +55°C
Storage Temperature Range	0 to +70°C
Relative Humidity	5% to 95%, non-condensing

AREMO-4185

19" 4U industrial rack-mount chassis

FEATURE	BENEFITS
<ul style="list-style-type: none"> ■ A lockable front door with thumb lock 	<ul style="list-style-type: none"> ■ Good for dust-proof & security
<ul style="list-style-type: none"> ■ One power on/off, one system reset and one inside the lockable door 	<ul style="list-style-type: none"> ■ Avoid accidental reset for better running security
<ul style="list-style-type: none"> ■ Modularized function panel for one or dual systems 	<ul style="list-style-type: none"> ■ Easy to keep stock and OEM project ■ For installing dual systems
<ul style="list-style-type: none"> ■ Front replaceable air filter 	<ul style="list-style-type: none"> ■ For easy cleaning
<ul style="list-style-type: none"> ■ Equipped 2 USB ports 	<ul style="list-style-type: none"> ■ Efficient Access
<ul style="list-style-type: none"> ■ Two ball-bearing cooling fans (12 cm + 8 cm high speed) 	<ul style="list-style-type: none"> ■ Better ventilation to provide the system with higher reliability
<ul style="list-style-type: none"> ■ Enhanced drive bracket to hold 3x5.25" and 2x3.5" HDD drives (internal) 	<ul style="list-style-type: none"> ■ For integrating varied systems with higher flexibility ■ Suitable for installing RAID and CD-ROM drive
<ul style="list-style-type: none"> ■ Shock-resistant cushion for the drive bracket 	<ul style="list-style-type: none"> ■ Suitable for harsh industrial environment
<ul style="list-style-type: none"> ■ Three adjustable positions for hold-down card retainers 	<ul style="list-style-type: none"> ■ For fixing all the cards more flexibly and tightly
<ul style="list-style-type: none"> ■ Changeable modularized back panel for 14-slot ISA/PICMG backplane or ATX motherboard 	<ul style="list-style-type: none"> ■ Only one minute to change the back panel ■ Easy to change to different backplanes and keep stock
<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"> ■ Only 3 minutes to change the defective power supply ■ Only 30 seconds to change the defective PSU module

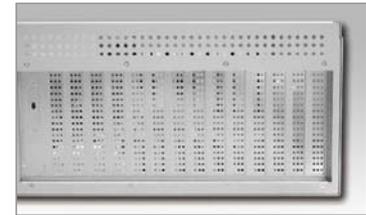
WHAT'S NEW



3 Hot-Swappable HDD Drives
5.25" transfer 3 hot swappable HDD drives



12 cm + 8 cm Cooling Fans
Better ventilation to provide the system with high reliability



Excellent Cooling System
New slot cover for better ventilation

ENGINEERING DRAWING

