AREMO-4197

19" 4U industrial rack-mount chassis

5.25" HDD	ATX
3.5" HDD	4U
Filter	14 Slots
USB	PS/2
PICMG	

The AREMO-4197 and AREMO-4197-MX is 19"4U Rack-mount chassis and designed for PICMG SBC/SHB and ATX form factor with stylish front panel design, up to 14-slot expansion for PICMG backplane. AREMO-4197 series can support PS/2 PSU, two USB interface on front panel and build with replaceable air filter. AREMO-4197 series is suitable in several vertical markets, like Factory and Server applications.

FEATURES

- Two USB ports on the front panel
- 5.25" x3 + 3.5" x1 drive bays for RAID 0, 1, 5 & CD-ROM
- Traditional rack-mount handles
- PS/2 or Mini-reduncant power supply installable

ORDERING GUIDE

- **AREMO-4197**
  19" 4U rack-mount chassis for PICMG backplane

- **AREMO-4197/B**
  19" 4U black rack-mount chassis for PICMG backplane

- **AREMO-4197-MX**
  19" 4U rack-mount chassis for ATX M/B

- **AREMO-4197-MX/B**
  19" 4U black rack-mount chassis for ATX M/B

GENERAL

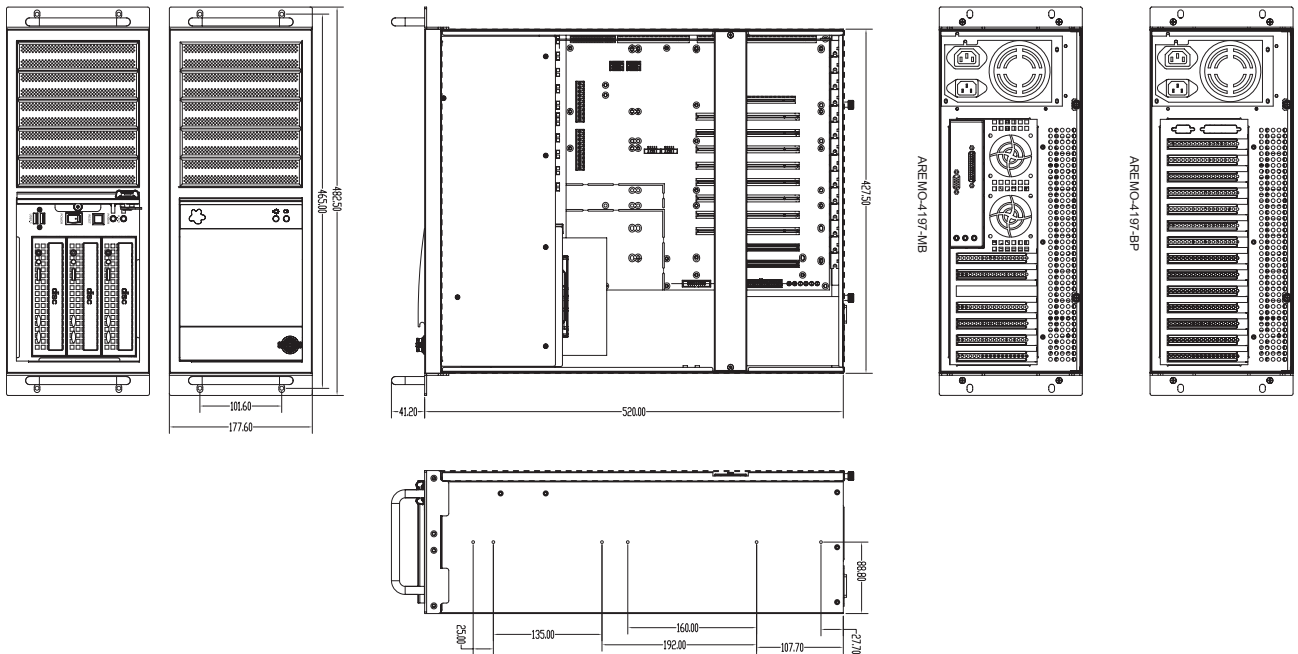|	
Construction	Heavy-duty steel with aluminum front panel
Drive Bay Internal	1x 3.5" HDD
Drive Bay External	3x 5.25"
Card Retainer	Two locations for one card retainer
Air Filter	One replaceable filter
Cooling Fan	One 12cm and one 8cm ball-bearing cooling fans
Indicator	1x Power On/Off, 1x HDD
Switch	1x Power On/Off, 1x System reset
Connector	2x USB ports on the front panel
Standard Color	Beige, Black
Dimension	427.5 x 520 x 177 mm
Weight	15 kg
Backplane	PBPE-13A8 14-slot [PCIe (4), PCI (8), PCI-X (0)] active PCIMG 1.3 backplane PBPE-13A4 14-slot [PCIe (8), PCI (4), PCI-X (0)] active PCIMG 1.3 backplane PBPE-12A9 14-slot [PCIe (2), PCI (9), PCI-X (0)] active PCIMG 1.3 backplane PBPE-12P4 14-slot [PCIe (8), PCI (4), PCI-X (0)] PCIMG 1.3 backplane PBPE-11A3 14-slot [PCIe (8), PCI (3), PCI-X (0)] active PCIMG 1.3 backplane

POWER SUPPLY

Maximum output	500W active PFC
Output Voltage & Current	+ 5V@22A; +12V1@20A; +12V2@25A; +3.3V@10A; -12V@0.3A,+5Vsb@2.5A
Input Voltage	90V ~ 264V AC, full range
Input Frequency	50 ~ 60Hz
Input Current	10A@110V, 5A@240V
Efficiency	> 80%
MTBF	100,000 hrs
EMI & Safety Approval	UL, TUV, CE, FCC, CB, CCC, BSMI

ENVIRONMENT

Operating Temperature	0°C ~ 50°C
Storage Temperature	0°C to 85°C
Relative Humidity	5% ~ 95°%, non-condensing
Vibration	5~7 Hz: 0.5" double amplitude displacement 7~2000 Hz: 1.5g acceleration

FEATURE	BENEFITS
■ A lockable front door with thumb windows	■ Good for dust-proof & Running status visible
■ One power on/off switch with LED indicator, one reset and one K/B lock switches inside the lockable door	■ Avoid accidental reset for better running security
■ Front replaceable air filter	■ For installing dual systems and redundant power supplies more easily
■ Two ball-bearing cooling fans	■ Better ventilation to provide the system with higher reliability
■ Enhanced drive bracket to hold 3x5.25" and 1x3.5" drives (internal)	■ For integrating varied systems with higher flexibility
■ Shock-resistant cushion for the drive bracket	■ Suitable for installing RAID and CD-ROM drive
■ Two adjustable positions for hold-down card retainers	■ For fixing all the cards more flexibly and tightly
■ Changeable modularized back panel for 14-slot ISA/PICMG backplane or ATX M/B	■ Only one minute to change the back panel ■ Easy to change to different backplanes and keep stock
■ Field replaceable power supply bracket for both normal PS/2 power supply and PS/2 type redundant power supply	■ Only 3 minutes to change the defective power supply ■ Only 30 seconds to change the defective PSU module

■ MECHANICAL DRAWING

Unit: mm