

AREMO-4205

19" 4U industrial rack-mount chassis



FEATURES

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

ORDERING GUIDE

- **AREMO-4205-14P4-330X**
19" 4U rack-mount chassis with 14-slot (4xPCI) PICMG backplane and 330W ATX power supply
- **AREMO-4205-14A7-D3501P**
19" 4U rack-mount chassis with 14-slot (7xPCI) PICMG backplane and 350W ATX, active PFC power supply
- **AREMO-4205-14AC-D3501P**
19" 4U rack-mount chassis with 14-slot (12xPCI) PICMG backplane and 350W ATX, active PFC power supply
- **AREMO-4205-MX-330X**
19" 4U rack-mount chassis for ATX motherboard with 330W ATX power supply
- **AREMO-4205-MX-D3501P**
19" 4U rack-mount chassis for ATX motherboard with active 350W ATX, active PFC power supply

GENERAL

| | |
|----------------|---|
| Construction | Heavy-duty steel with aluminum front panel |
| Drive Bay | External: 5.25"x3 Internal: 3.5" HDD x2 |
| Card Retainer | Three locations for one card retainer |
| Air Filter | One replaceable air filter |
| 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 8Ω speaker |
| Connector | Four USB ports on the front panel |
| Standard Color | Silver |
| Dimension | 482(W) x 526(D) x 177(H) mm; 19"(W) x 20.7"(D) x 7"(H) |
| Weight | Net: 15.0 kg (33 lb); Gross: 16.0 kg (35 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

ORION-D3501P optional

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|----------------------------|--|
| Input Voltage | 90V ~ 264V AC, full range |
| Input Frequency | 47 ~ 63 Hz |
| Input Current | 6A@90V |
| Efficiency | > 68% |
| Holdup Time | 17 ms. at full load @25°C |
| Over Voltage Protection | +5V@ 7V; +3.3V@ 4.3V; +12V@ 15.6V |
| Over Power/Load Protection | Output power over to 110%~140% |
| MTBF | 75,145 hrs |
| EMI & Safety Approval | UL, TUV, CE, FCC, CB, CSA, SEMKO, FIMKO, NEMCO, DIMCO |
| Temperature/Humidity | Operating: 0 ~ 50°C, 20 ~ 85%RH Storage: -40 ~ 70°C, 10 ~ 90%RH |
| Dimension (WxDxH) | 150 x 140 x 86 mm; 5.9" x 5.5" x 3.4" |

ENVIRONMENT

| | |
|-----------------------------|--|
| Operating Temperature Range | 0 to +55°C |
| Storage Temperature Range | -40 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 |