# AREMO-2173P

**19" 2U industrial rack-mount chassis for PICMG backplane**



## FEATURES

- One slim CD-ROM and two hot-swap 3.5" HDD (SATA) Drive bays
- Two USB ports on the front panel
- Two 7cm ball-bearing cooling fans for better ventilation
- One power On/Off switch with protection cap and one touch free reset for secure access

## GENERAL

| | |
|---|---|
| Construction | Heavy-duty steel |
| Drive Bay | External: Slim type CD-ROM x1, Hot-swap 3.5" HDD x2 |
| Air Filter | One external replaceable air filter |
| Cooling Fan | Two 7cm ball-bearing fans |
| Indicator | HDD x1+ Power on/off x1 |
| Switch | Power on/off (with a protection cap) x1, System reset x1 |
| Speaker | One 8Ω speaker |
| Connector | Two USB ports equipped on the front panel |
| Standard Color | Silver, Black |
| Dimension | 482(W) x 441.6(D) x 88.4(H) mm; 19"(W) x 17.4"(D) x 3.5"(H) |
| Weight | Net: 11.0 kg (23.1 lb); Gross: 12.0 kg (25.3 lb) |

## ORDERING GUIDE

- **AREMO-2173P-06V4-D3501P**

  19" 2U rack-mount chassis with vertical 6-slot (4x PCI) PICMG backplane and 350W ATX, active PFC power supply

- **AREMO-2173P-06V4**

  19" 2U rack-mount chassis with vertical 6-slot (4x PCI) PICMG backplane

- **AREMO-2173P-06V4-3502P**

  19" 2U rack-mount chassis with vertical 6-slot (4x PCI) PICMG backplane and 350W active PFC redundant power supply

## POWER SUPPLY

**ORION-D3501P optional**

| | |
|---|---|
| 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 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<br>Storage: -20 ~ 70°C, 10 ~ 90%RH |
| Dimension (WxDxH) | 150x140x86 mm; 5.9"x5.5"x3.4" |

## ENVIRONMENT

| | |
|---|---|
| Operating Temperature Range | 0 to +55°C |
| Storage Temperature Range | -20 to +80°C |
| Relative Humidity | 5% to 95%, non-condensing |
| Vibration | 5~7 Hz: 0.5" double amplitude displacement<br>7~2000 Hz: 1.5g acceleration |

# AREMO-2173P

**19" 2U industrial rack-mount chassis for PICMG backplane**

| FEATURE | BENEFITS |
|---|---|
| ■ 350W Active PFC power supply | ■ Sufficient power source for Intel® Pentium® 4 processor |
| ■ Two 7cm high speed fans | ■ Better ventilation to enhance system reliability |
| ■ Two swappable SATA HDD drive bays | ■ Easy to access HDD drives |
| ■ Four Low profile PCI expansion slots | ■ For system function expansion |
| ■ Front replaceable air filters | ■ Easy cleaning |

## WHAT'S NEW



**Thumb Lock**

Convenient to operate or protect the system



**Two Swappable SATA HDD Drives**

Easy to access HDD drives



**Front Replaceable Air Filters/Fans**

Convenient to change air filters or fans when needed



**Rear View**

## ENGINEERING DRAWING



Unit: mm