

ACP-4000

Quiet 4U Rackmount Chassis with Visual & Audible Alarm Notification



Features

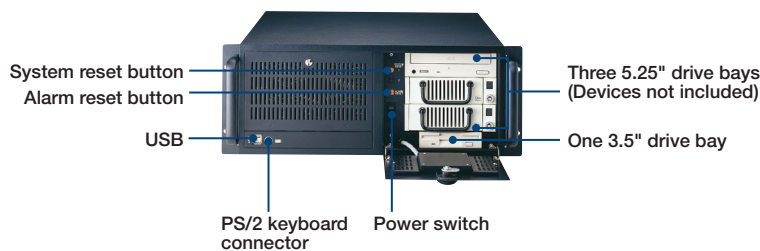
- Supports either an ATX motherboard or PICMG backplane with up to 15 slots
- Shock-resistant disk drive bay design holds up to three 5.25" and one 3.5" disk drives
- LED indicators and alarm notification for system fault detection
- Low noise system fans
- Built-in Intelligent System Module enables whole system fan control and remote manageability

Quiet Specifications

CE FCC

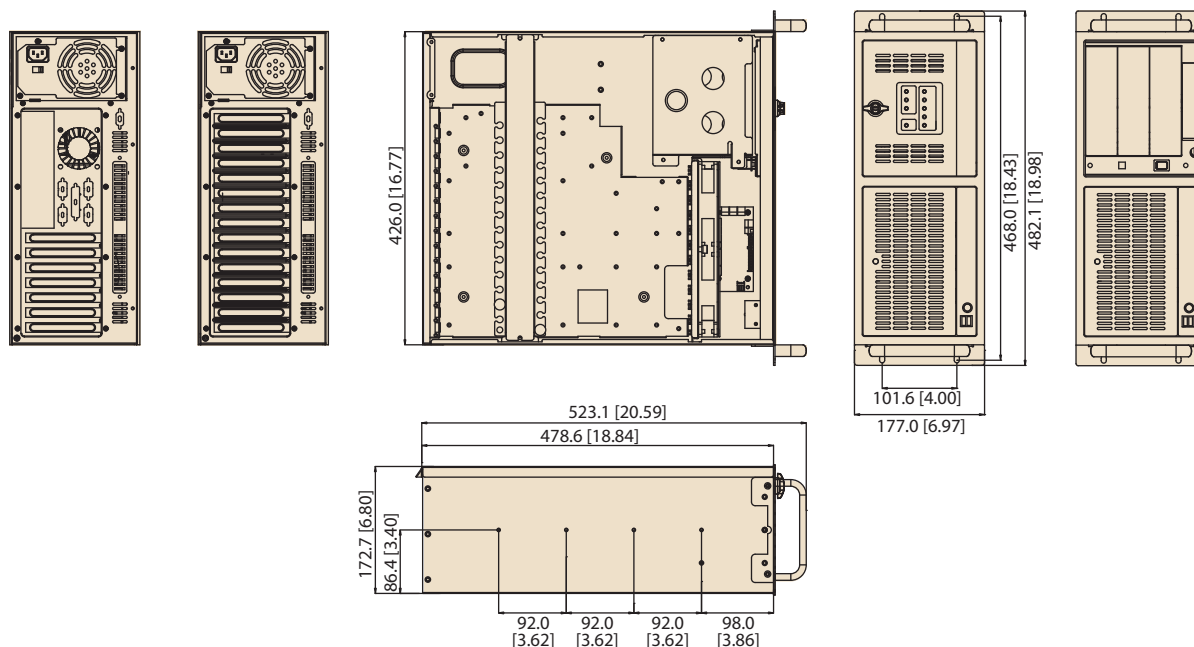
| | | | |
|---|---|---|---------------------------|
| Drive Bay | 3.5" | External | 1 |
| | 5.25" | | 3 |
| Cooling | Fan | | 2 (12 cm / 85 CFM each) |
| | Air Filter | | Yes |
| Front I/O Interface | USB 2.0 | | 2 |
| | PS/2 | | 1 |
| Miscellaneous | LED Indicators | Power, HDD, temperature, fan, and power voltage status | |
| | Rear Panel | Backplane version: One 9-pin D-Sub opening Motherboard version: Five 9-pin D-Sub & one 25-pin D-Sub openings | |
| Intelligent System Module Remote Monitoring | CPU/System fan speed , CPU/System temperature , motherboard voltage (Only selected Advantech MBs/CPU cards with WISE-PaaS/RMM installed can fully enable these functions, check with Advantech local rep. for detailed information.) | | |
| Environment | Temperature | Operating | Non-Operating |
| | | 0 ~ 40 °C (32 ~ 104 °F) | -20 ~ 60 °C (-4 ~ 140 °F) |
| | Humidity | 10 ~ 85% @ 40 °C, non-condensing | |
| | Vibration (5 ~ 500 Hz) | 1 Grms | 2 G |
| | Shock | 10 G (with 11 ms duration, half sine wave) | |
| Physical Characteristics | Dimensions (W x H x D) | 482 x 177 x 479 mm (19" x 7" x 18.9") | |
| | Weight | 15.2 kg (33.5 lb) | |

Front View



Dimensions

Unit: mm [inch]



Ordering Information

| Part Number | Power Supply | Wattage | Switch type |
|-----------------------------|----------------|----------------------|-------------|
| Backplane Version | | | |
| ACP-4000BP-00CE | NA | - | ATX |
| ACP-4000BP-30CE | PS8-300ATX-ZBE | 300W | ATX |
| ACP-4000BP-40CE | PS8-400ATX-ZE | 400W | ATX |
| ACP-4000BP-50CE | PS8-500ATX-ZE | 500W | ATX |
| Mother board Version | | | |
| ACP-4000MB-00CE | NA | - | ATX |
| ACP-4000MB-30CE | PS8-300ATX-ZBE | 300W | ATX |
| ACP-4000MB-40CE | PS8-400ATX-ZE | 400W | ATX |
| ACP-4000MB-50CE | PS8-500ATX-ZE | 500W | ATX |
| ACP-4000MB-50RCE | RPS8-500ATX-XE | 500W (1+1) redundant | ATX |

Optional Accessories

| Part Number | Description |
|--------------|---|
| 1700006915 | ATX 24P/20P + 4P + 8P 60cm cable (connecting from power supply to alarm board) |
| 1700006917 | Two Mini DIN (connect to MB) / 6P (connect to front I/O board) PS2 KB/Mouse cable |
| IPC-DT-5230E | Mobile rack for converting dual 5.25" drive bays to three 3.5" SATA HDD trays |

* If users use AIMB-763 or 3rd party motherboard, they need to purchase 1700006915 or 1700006916 for the front voltage LEDs to function normally. And they also need to purchase 1700006917 to make front PS/2 function normally.

* If users use ASMB-822, they need to purchase 1700006915 for the front voltage LEDs to function normally.

Spare Parts

| Part Number | Description |
|----------------|--------------------------------|
| 2130006147S000 | Door filter 97.6 x 36.6 x 5 mm |
| 2130004803S000 | Fan filter 115 x 195 x 5 mm |

Power Supply Options

(For detailed power supply specs, please refer to Chapter 13)

| Part Number | 80 Plus Grade | Wattage | Type | Input |
|-----------------|---------------|---------|---------------|-----------------------------|
| RPS8-350ATX-XE | Gold | 350W | 1+1 Redundant | AC 100 ~ 240 V (full range) |
| RPS8-500ATX-XE | Bronze | 500W | 1+1 Redundant | AC 100 ~ 240 V (full range) |
| PS-300ATX-DC48E | N/A | 300W | Single | DC -48 V |