

ACP-4320

Quiet 4U Rackmount Chassis Ready with Dual SAS/SATA HDD Trays



Features

- Supports either an ATX motherboard or a PICMG backplane with up to 15 slots
- Supports dual SAS/SATA HDD trays for data monitoring applications
- LED indicators and alarm notification for system fault detection and network connection
- Low noise system fans with fan speed control
- Built-in Intelligent System Module enables whole system fan control and remote manageability

Quiet

CE FCC RoHS

Specifications

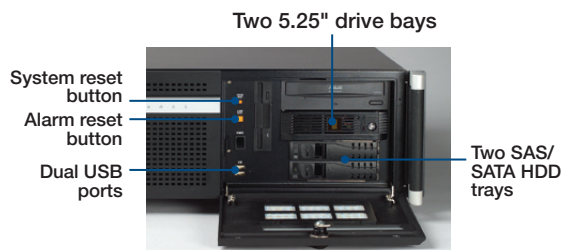
| | | | |
|--------------------------|------------------------|---|----------------------------------|
| Drive Bay | 5.25" | Front-accessible | Internal |
| | 3.5" | 2 | - |
| Cooling | Fan | 2 SAS/SATA Trays +1 (mobile trays compatible with 2.5" HDD/SSD) | - |
| | Air Filter | 1 (12 cm /74 CFM) + 1 (6 cm /28 CFM) | - |
| Front I/O Interface | USB | Yes | |
| | 9-pin D-Sub | 2 | |
| Miscellaneous | LED Indicators | - | |
| | Remote Management | Power, HDD, temperature, fan, LAN1, and LAN2 Remote monitoring & alarm message ^{Note 1} : CPU/System fan speed, CPU/System temperature, motherboard voltage Remote control ^{Note 2} : Power on/off, iKVM Advanced functions ^{Note 3} : System recovery, system protection | |
| | Rear Panel | Backplane version: One 9-pin D-Sub opening Motherboard version: Five 9-pin D-Sub and one 68-pin SCSI openings | |
| Environment | Temperature | Operating: 0 ~ 40° C (32 ~ 104° F) Non-Operating: -20 ~ 60° C (-4 ~ 140° F) | |
| | Humidity | 10 ~ 85% @ 40° C, non-condensing | 10 ~ 95% @ 40° C, non-condensing |
| | Vibration (5 ~ 500 Hz) | 1 Grms | 2 G |
| | Shock | 10 G (with 11 ms duration, half sine wave) | 30 G |
| Physical Characteristics | Dimensions (W x H x D) | 482 x 177 x 479 mm (19" x 7.0" x 18.9") | |
| | Weight | 17.6 kg (38.7 lb) | |

Note 1: Advantech motherboards with I2C interface H/W monitor and SUSIAccess 2.1.1122 (P/N: 968EMLSAP2) or later version are required to enable full functions.

Note 2: Advantech motherboards with iAMT technology and SUSIAccess 2.1.1122 (P/N: 968EMLSAP2) or later version are required to enable full functions.

Note 3: SUSIAccess 2.1.1122 (P/N: 968EMLSAP2) or later version is required to enable these functions.

Front View



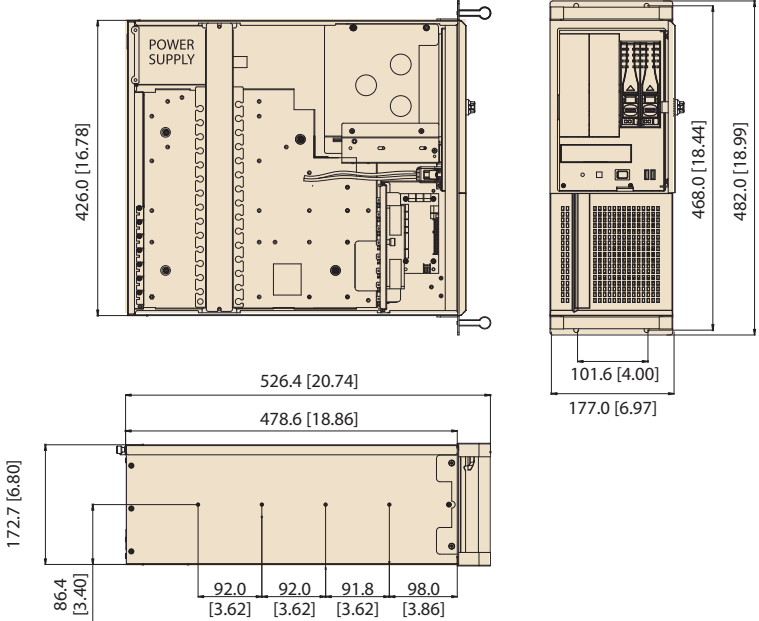
Inside View

Easy-to-maintain system fan



Dimensions

Unit: mm [inch]



Ordering Information

| Model Name | Power Supply |
|----------------------------|---------------------------------------|
| Backplane Version | |
| ACP-4320BP-00BE | Without power supply, with ATX switch |
| Motherboard Version | |
| ACP-4320MB-00BE | Without power supply, with ATX switch |

Optional Accessories

| Part Number | Description |
|-------------|---|
| IDT-3120E | Mobile rack for converting a 3.5" drive bay to dual 2.5" SATA HDD trays |
| IDT-5230E | Mobile rack for converting dual 5.25" drive bays to three 3.5" SAS/SATA HDD trays |

Power Supply Options

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

| Part Number | Specifications | |
|---|----------------|-----------------------------|
| | Watts | Input |
| PS8-300ATX-ZBE (ATX, PFC) | 300W | AC 100 ~ 240 V (full range) |
| PS8-400ATX-ZE (ATX, PFC) | 400W | AC 100 ~ 240 V (full range) |
| PS8-500ATX-ZE | 500W | AC 100 ~ 240 V (full range) |
| RPS-300ATX-ZE (ATX, PFC) (1+1 redundant) | 300W | AC 100 ~ 240 V (full range) |
| 1757004393-01 (ATX, PFC) (1+1 redundant) | 500W | AC 100 ~ 240 V (full range) |

Spare Parts

| Part Number | Description |
|-------------|--|
| 1990001299 | Fan filter 95 x 130 mm |
| 1990001298 | Door filter 150 x 68 mm |
| 9662132020E | Black mobile tray to support 2.5"/3.5" HDD/SSD |