

IPC-7143

Desktop/Wallmount Chassis for ATX Motherboard with Dual SATA HDD Trays & Bottom-accessible I/O Interfaces



Features

- Supports one slim CD-ROM drive, two removable 3.5" SATA HDDs and two standard 3.5" drives
- Bi-directional wall-mount options with bottom accessible I/O interfaces
- Easy-to-replace 85-CFM cooling fan with air filter
- Front-accessible USB and PS/2 interfaces
- Visible LED indicators and audible alarm notification for system fault detection
- Removable and shock-resistant drive housings
- Lockable front door prevents unauthorized access
- Optional dual redundant power supply

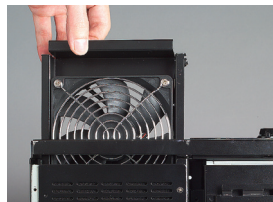


Specifications

| | | | |
|---------------|--------------------------|---|---|
| Drive Bay | 5.25" | Front-accessible | |
| | 3.5" | 1 (Slim CD-ROM drive) | |
| Cooling | Fan | 4 (2 standard + 2 removable SATA HDD trays) | |
| | Air Filter | One 12 x 12 cm (up to 3.8 cm depth) 85 CFM; one 5 x 5 cm 47 CFM blower | |
| I/O Interface | USB | 2 (front-accessible) | |
| | PS/2 | PS/2 keyboard and mouse, or PS/2 keyboard depends on the enclosed motherboard | |
| Miscellaneous | Indicators | PWR, HDD, temperature and fan | |
| | Switches | Power, system reset and alarm reset | |
| | Bottom Panel | Reserved two D-Sub 9-pin openings | |
| | Hold-down clamp | Hold-down clamp with attached rubber cushions | |
| 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) | 320 x 450 x 200 mm (12.6" x 17.7" x 7.9") |
| | Weight | 14 kg (30.8 lb) | |



Plug ring-lock securely fastens the power cord (PS-400ATX-ZBE)



Easy-to-maintain cooling fan & filter



One slim ODD bay, two 3.5" disk drive bays & two removable SATA HDD trays



Bottom view

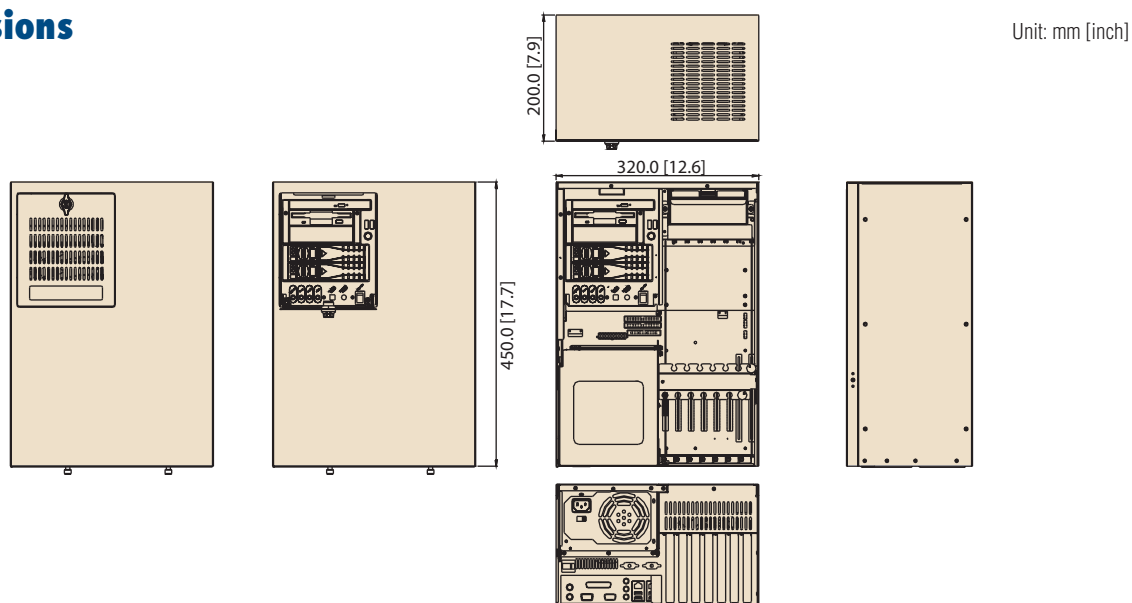


Power supply bracket with hinges



Bidirectional wall-mountable design

Dimensions



Power Supply Options

(For detailed power supply specs, please refer to Chapter 7)

| Part Number | Specifications | | Output | Mini-load | Safety | MTBF |
|-----------------------------|----------------|--------------------------------|---|--|---------------|---------------------|
| | Watt | Input | | | | |
| PS-300ATX-ZBE (ATX, PFC) | 300 W | AC 100 ~ 240 V (full-range) | +5 V @ 30 A, +12 V @ 15 A, +3.3 V @ 28 A, -5 V @ 0.3 A, -12 V @ 0.8 A, +5 Vsb @ 2 A | +5 V @ 0.1 A, +3.3 V @ 0.3 A | UL/TUV/CB/CCC | 100,000 hrs @ 25° C |
| RPS-300ATX-ZE (ATX, PFC) | 300 W | AC 100 ~ 240 V (full-range) | +5 V @ 25 A, +12 V @ 16 A, +3.3 V @ 18 A, -5 V @ 0.5 A, -12 V @ 0.5 A, +5 Vsb @ 2 A | +5 V @ 3 A, +3.3 V @ 1 A, +12 V @ 2 A, +5 Vsb @ 0.1 A | UL/TUV/CB/CCC | 100,000 hrs @ 25° C |
| PS-400ATX-ZBE (ATX, PFC) | 400 W | AC 100 ~ 240 V (full-range) | +5 V @ 35 A, +12 V @ 30 A, +3.3 V @ 25 A, -5 V @ 0.8 A, -12 V @ 1 A, +5 Vsb @ 2 A | +5V @ 3 A, +3.3 V @ 1 A, +12 V @ 1 A, +5 Vsb @ 0.1 A | UL/TUV/CB/CCC | 91,000 hrs @ 25° C |
| RPS-400ATX-ZE (ATX, PFC) | 400 W | AC 100 ~ 240 V (full-range) | +5 V @ 35 A, +12 V @ 28 A, +3.3 V @ 25 A, -5 V @ 0.5 A, -12 V @ 1.2 A, +5 Vsb @ 2 A | +5 V @ 3 A, +3.3 V @ 1 A, +12 V @ 2 A, +5 Vsb @ 0.1 A | UL/TUV/CB/CCC | 100,000 hrs @ 25° C |
| PS-300ATX-DC48E | 300 W | DC -48 V | +5 V @ 30 A, +12 V @ 15 A, +3.3 V @ 28 A, -5 V @ 0.3 A, -12 V @ 0.8 A, +5 Vsb @ 2 A | +5 V @ 0.3 A, +3.3 V @ 0.3 A, +12 V @ 0.2 A | UL/TUV/CB/CCC | 100,000 hrs @ 25° C |

Optional Accessories

| Part Number | Description |
|-------------|---|
| 1750000257 | 2U-high P4 Socket 478 CPU cooler up to 3.2 GHz (89 W) |
| 1700060202 | Y-cable for PS/2 mouse & keyboard |
| 1990001392 | Fan filter 140 x 114 x 5 mm |

Ordering Information

| Part Number | Power Supply |
|---------------|---------------------------------------|
| IPC-7143-00XE | Without power supply, with ATX switch |