

ACP-2010/2320

2U Rackmount Chassis for ATX/ MicroATX Motherboard with Low-Profile Rear Bracket Option



Features

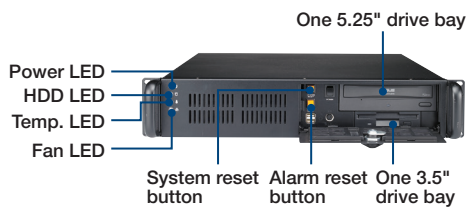
- LED indicators and audible alarm notification for system fault detection
- ACP-2010: One 5.25" and three 3.5 shock-resistant drive bays
- ACP-2320: One Slim optical disk drive, two internal 3.5" drives and dual hot-swap SATA HDD trays
- Various riser card options to support three full-size PCI or PCIe cards for expansion
- Supports 250W /350W single power supply, or 250W redundant power supply
- Reusable and washable air filters
- Built-in Intelligent System Module enabling whole system fan control and remote manageability

CE FCC

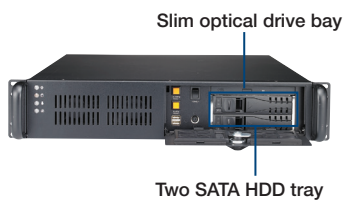
Specifications

| | | External | Internal |
|---|---|--|---------------------------|
| Drive Bay | Slim Optical Disk Drive | - / 1 | - |
| | 5.25" | 1 / 0 | - |
| | 3.5" | 1 / 2 | 2 / 2 |
| | Hot Swap | - / 2 (Compatible with 3.5" or 2.5" devices) | - |
| Cooling | Fan | 2 (8 cm /47 CFM each) / 2 (8 cm /47 CFM each) + 1 (6 cm /28 CFM) for SATA storage unit | |
| | Air Filters | Yes | |
| | Smart Fan | System fan speed referring to chassis thermal sensor, or CPU temperature (Available with selected Advantech MBs/CPU cards) | |
| Front I/O Interface | USB 2.0 | 2 | |
| | PS/2 | 1 | |
| Miscellaneous | LED Indicators | Power, HDD, temperature, fan | |
| | Rear Panel | Two 9-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 your local Advantech rep. for detailed information.) | | |
| Environment | | Operating | Non-operating |
| | Temperature | 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 88 x 480 mm (19" x 3.46" x 18.9") | |
| | Weight | 10.7 kg (23.5 lb) / 11.7 kg (25.7 lb) | |

Front View

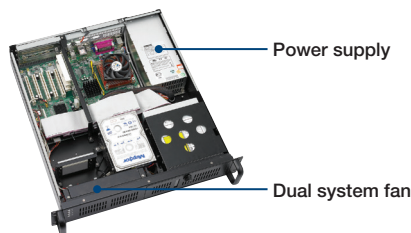


ACP-2010

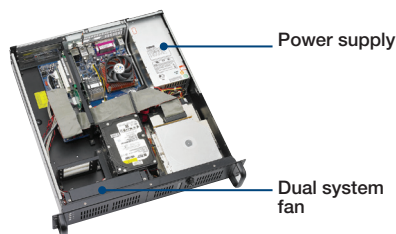


ACP-2320

Inside View



ACP-2010



ACP-2320

Rear View



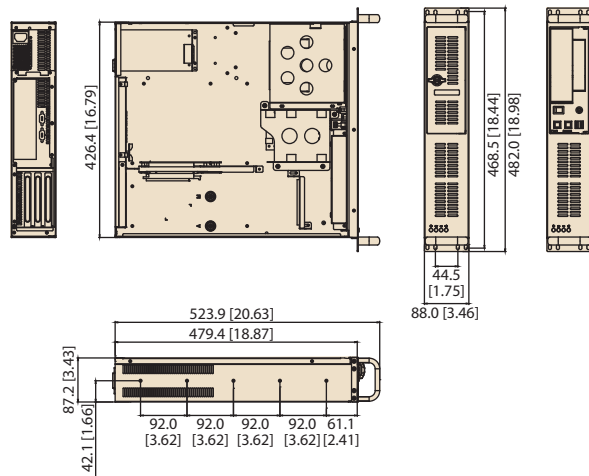
Rear I/O bracket for low profile add-on cards



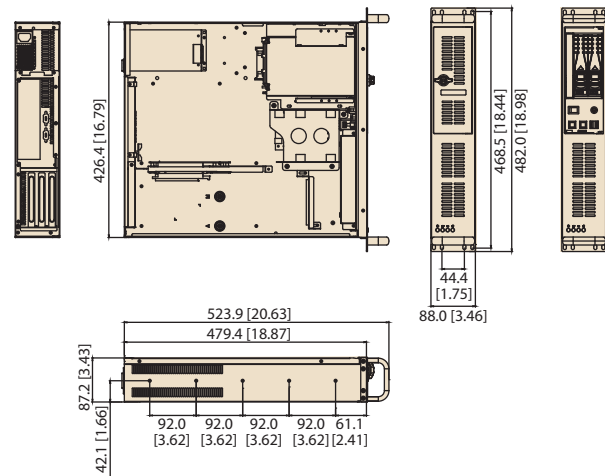
Dimensions

Unit: mm [inch]

ACP-2010



ACP-2320



Ordering Information

| Part Number | Power Supply | Wattage | Switch type |
|-----------------|----------------|---------|-------------|
| ACP-2010MB-00CE | - | - | ATX |
| ACP-2010MB-35CE | PS8-350FATX-XE | 350W | ATX |
| ACP-2320MB-00CE | - | - | ATX |
| ACP-2320MB-25CE | PS8-250FATX-XE | 250W | ATX |
| ACP-2320MB-35CE | PS8-350FATX-XE | 350W | ATX |

Power Supply Options

| Part Number | 80 Plus Grade | Wattage | Type | Input |
|----------------|---------------|---------|-----------------|-----------------------------|
| PS8-250FATX-XE | Bronze | 250W | Single | AC 100 ~ 240 V (full range) |
| 96PS-A400WFX-1 | Gold | 400W | Single | AC 100 ~ 240 V (full range) |
| 96PSR-A250W2U | non-80 Plus | 250W | (1+1) Redundant | AC 100 ~ 240 V (full range) |

Optional Accessories

| Part Number | Description |
|--|---|
| 96CB-SATAPOWER-6P2 | SATA power wire 6-pin to big 4-pin (for slim ODD) |
| IPC-DT-3120E | Mobile rack for converting a 3.5" drive bay to dual 2.5" SATA HDD trays |
| Rear I/O panel kit for low-profile add-on cards | |
| 1939000361 | Screws (should purchase 7 pcs) |
| 1960034816N000 | I/O bracket (should purchase 7 pcs) |
| 1960019475T201 | Rear panel for low-profile |

Spare Parts

| Part Number | Description |
|----------------|---|
| 9662132020E | Black mobile HDD tray |
| 1990007986S000 | Filter behind the door 156 x 45 x 5 mm |
| 1990001949 | Filter in the front of the fans 168 x 58 mm |