

HPC-7242

2U Rackmount Chassis for ATX Motherboard with 4 Hot-Swap SAS/SATA HDD Trays and RPS

NEW



Features

- Supports ATX motherboard with dual processors
- Four shock-resistant hot-swap disk trays supporting 3.5" or 2.5" SAS/SATA drives for RAID 5/10 application, one slim ODD, and two 2.5" internal drives
- Dual front USB 3.0 ports
- Supports 80plus single or redundant power supply up to 700W
- Front-accessible system fan without opening top cover for easy maintenance
- LED indicators and audible alarm notification for system fault detection
- Built-in Intelligent System Module enabling whole system fan control and remote manageability

Quiet

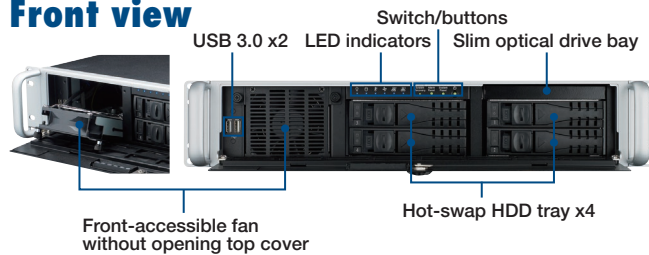
CE FCC RoHS

Specifications

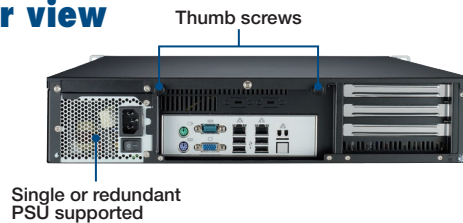
| | | External | Internal |
|---|---|---|---|
| Drive Bay | Slim Optical Drive | 1 | - |
| | 2.5" | - | 2 |
| | Hot Swap | 4 SAS/SATA HDDs | |
| Cooling | Fan | 1 (8 cm/47CFM) + 2 (6 cm/28CFM) for SAS/SATA storage unit | |
| | Air Filter | Yes | |
| Front I/O Interface | USB 3.0* | 2 | |
| Miscellaneous | LED Indicators | Power, HDD, temperature, fan, LAN1, and LAN2 | |
| | Rear Panel | Two 9-pin D-Sub | |
| Intelligent System Module Remote Monitoring | CPU/System fan speed, CPU/System temperature, motherboard voltage (Only selected Advantech MBs/CPU cards with SUSIAccess installed can fully enabled these functions, check with Advantech local rep. for detailed information.) | | |
| Environment | Temperature | Operating 0 ~ 40° C (32 ~ 104° F) | Non-Operating -40 ~ 70° C (-40 ~ 156° F) |
| | Humidity | 10 ~ 95% @ 40° C, non-condensing | |
| | Vibration (5 ~ 500 Hz) | 1 Grms | |
| | Shock | 10 G (with 11 ms duration, half sine wave) | |
| Physical Characteristics | Dimensions (W x H x D) | 482 x 88 x 525 mm (19" x 3.46" x 20.67") | |
| | Weight | 13.7 kg (30.12 lb) | |

* The USB ports do not operate if a main board without on-board USB 3.0 internal box header is installed.

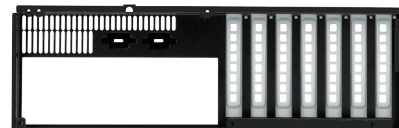
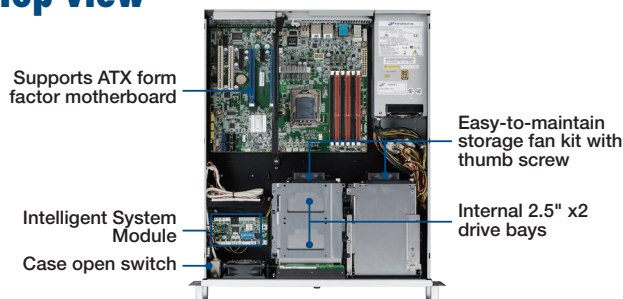
Front view



Rear view



Top view

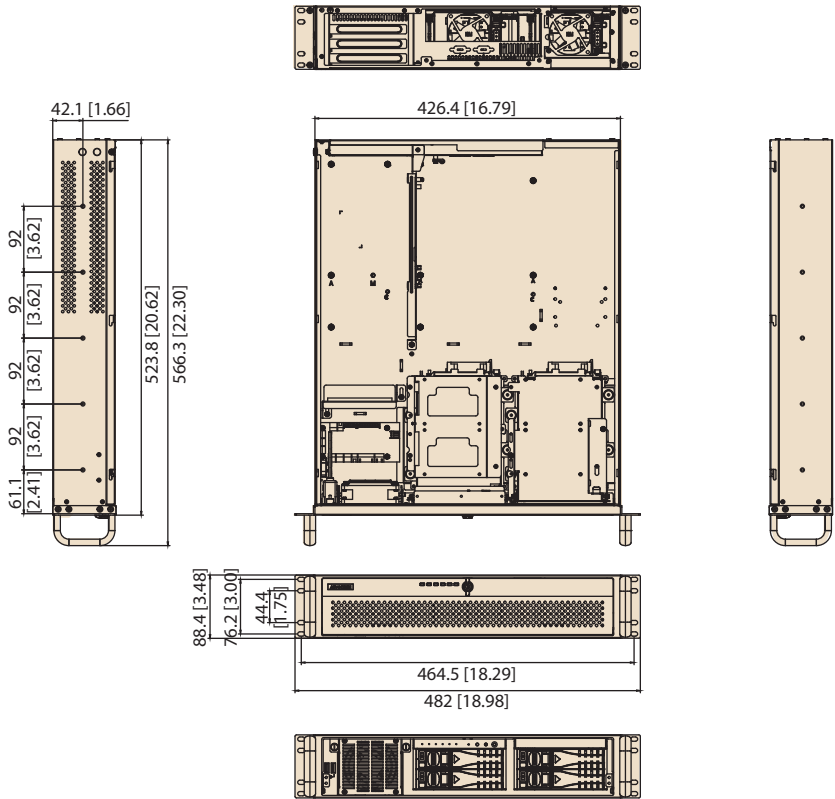


Rear I/O bracket for low profile add-on cards

*Note: Motherboard and power supply are not included.

Dimensions

Unit: mm [inch]



Ordering Information

| Part Number | Description |
|-----------------|------------------------------|
| HPC-7242MB-00XE | Without PSU, with ATX switch |

Optional Accessories

| Part Number | Description |
|----------------|-----------------------|
| 9662132020E | Black mobile HDD tray |
| 1990021407T000 | Door filter |

Power Supply Options

| Part Number | 80 Plus Grade | Wattage | Type | Input |
|----------------|---------------|---------|-----------------|-----------------------------|
| PS8-350FATX-XE | Bronze | 350W | Single | AC 100 ~ 240 V (full range) |
| PS8-500U2-XE | Bronze | 500W | Single | AC 100 ~ 240 V (full range) |
| RPS8-500U2-XE | Bronze | 500W | (1+1) Redundant | AC 100 ~ 240 V (full range) |
| RPS8-700U2-XE | Bronze | 700W | (1+1) Redundant | AC 100 ~ 240 V (full range) |

Spare Parts

| Part Number | Description |
|--|---|
| 96CB-SATAPOWER-6P1 | SATA power wire 6-pin to big 4-pin (for slim ODD) |
| 1950014302N001 | Special bracket for riser card AIMB-RP3P8-12A1E |
| Rear I/O panel kit for low-profile add-on cards | |
| 1939000361 | Screw (should purchase 7 pcs) |
| 1960034816N000 | I/O bracket (should purchase 7 pcs) |
| 1960019475T201 | Rear panel for low-profile |

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