

HPC-7242

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



CE FCC

Features

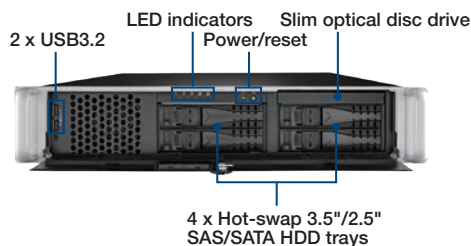
- Supports ATX motherboard with dual processors
- Four shock-resistant hot-swap disk trays supporting 3.5" or 2.5" SAS/SATA drives for RAID 5/10 application, one slim ODD, and two 2.5" internal drives
- Dual front USB 3.2 gen1 ports
- Supports 80plus single or redundant power supply up to 550W

Specifications

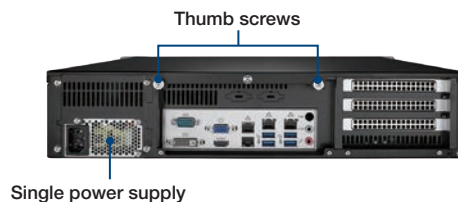
| | | External | Internal |
|--------------------------|---|---|----------------------------------|
| Drive Bay | Slim Optical Drive | 1 | - |
| | 2.5" | - | 2 |
| | Hot Swap | 4 3.5"/2.5" SASII/SATAIII HDDs* | |
| Cooling | Fan | 1 (8 cm/75.2CFM) + 2 (6 cm/28CFM) | |
| | Air Filter | Yes | |
| Front I/O Interface | USB 3.2 gen1* | 2 | |
| Miscellaneous | LED Indicators | Power, HDD, SYS LED, fan, LAN1, and LAN2 | |
| | Rear Panel | Two DB-9/15 openings | |
| Expansion Slot Support | 3 full-height slots (optional rear I/O bracket for 7 low-profile slots) | | |
| Environment | | Operating | Non-Operating |
| | Temperature | 0 ~ 40 °C (32 ~ 104 °F) | -40 ~ 70 °C (-40 ~ 156 °F) |
| | Humidity | 10 ~ 95% @ 40 °C, non-condensing | 10 ~ 95% @ 60 °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) | 426.4 x 88.4 x 523.8 mm (16.79" x 3.48" x 20.62") | |
| | Weight | 13.7 kg (30.12 lb) | |

NOTE: When insert SASIII (12Gb/s) HDD into the hot-swap HDD bay, please manually set the speed at SASII (6Gb/s) due to the hardware specification.

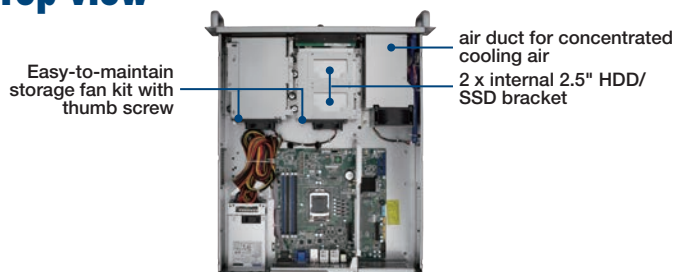
Front View



Rear View



Top view

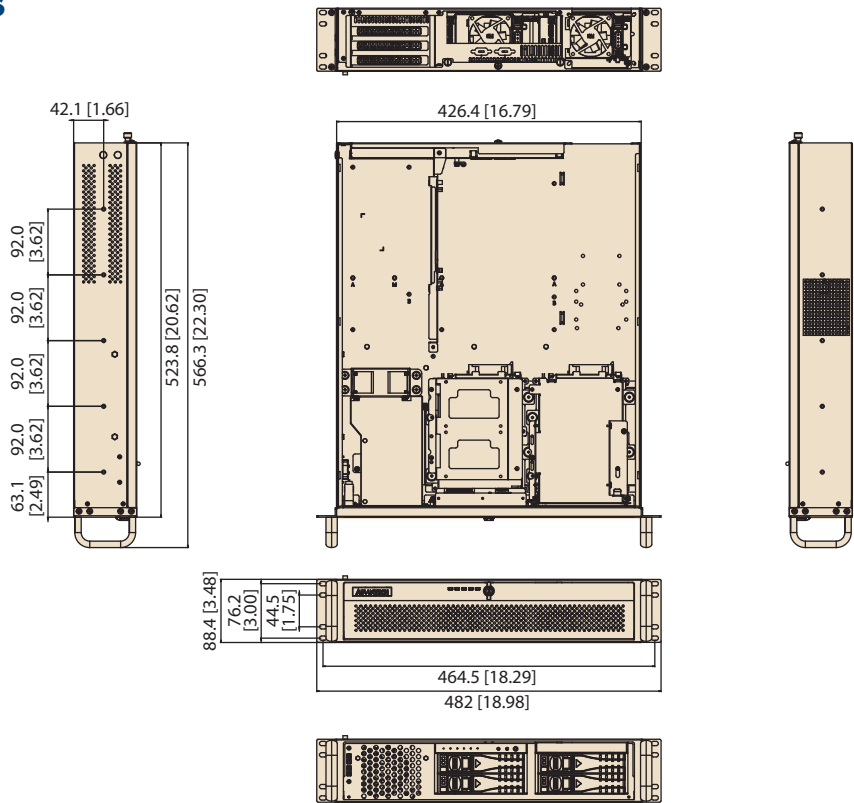


Optional : Rear I/O bracket for low profile add-on cards

*Note: Motherboard is not included.

Dimensions

Unit: mm [inch]



Ordering Information

| Part Number | Description |
|---------------|----------------------------------|
| HPC-7242-35ZB | With 350W flex single PSU |
| HPC-7242-50ZB | With 500W flex single PSU |
| HPC-7242-55RB | With 550W redundant power supply |

Packing List

| Part Number | Description |
|----------------|--------------------------------|
| 9662132020E | Black mobile HDD tray |
| 1990021407T000 | Door filter |
| 1750009289-01 | Cooling Fan 60x60x13mm-5400RPM |
| 1751000125-02 | Cooling Fan 80x80x38mm-7500RPM |

Optional Accessories

| Part Number | Description |
|---|---|
| 96CB-SATAPOWER-6P2 | SATA power wire 6-pin to big 4-pin (for slim ODD) |
| 1700032421-01* | Mini SAS HD (SFF-8643) to 4-port SATA Cable Legth: 45cm |
| 9680006905 | 26" Slide Rail (support RACK depth 900mm ~ 1100mm) |
| Rear I/O panel kit for low-profile add-on cards | |
| 1939000361 | Screws (should purchase 7 pcs) |
| 1960074850T000 | I/O bracket (should purchase 7 pcs) |
| 1960019475T206 | Rear panel for low-profile |

NOTE:
SFF-8643 connector of this cable is for 12Gb/s RAID card and 4 x SATA(7Pin) cable's connectors are for HPC-7242 HDD backplane. If the connector of SAS RAID card isn't SFF-8643, please contact with RAID card vendor to select the suitable SAS to SATA cable.