

HPC-8104

1U Storage Chassis for MicroATX/ATX Serverboard with 4 Hot-swap Drive Bays

NEW



Features

- 1U rackmount chassis support ATX/uATX motherboard
- 4-bay hot-swappable 3.5"/2.5" SATA/SAS/SSD drive bays with ultra slim ODD bay
- Anti-vibration FAN design
- Two front USB3.0 ports

CE FCC

Specifications

| | | External | Internal |
|--------------------------|------------------------|--|---|
| Drive Bay | Slim Optical Drive | 1 (Ultra Slim Type Only) | - |
| | 3.5"/2.5" | 4 (Hot Swap) ^{Note1,2} | - |
| | 2.5" | - | 2 or 3 (optional) |
| Cooling | Fan | 3 (4056/34CFM) + 1 (4028/23CFM) high speed fan | |
| | Air Filter | - | |
| Front I/O Interface | USB | 2 x USB3.0 | |
| Miscellaneous | LED Indicators | LAN1, LAN2, HDD, Power, and System Information LED | |
| Environment | Temperature | Operating 0 ~ 40 °C (32 ~ 104 °F) | Non-Operating -40 ~ 60 °C (-40 ~ 140 °F) |
| | Humidity | 10 ~ 95% @ 40 °C, non-condensing | |
| | Vibration (5 ~ 500 Hz) | 0.25 Grms | 2 G |
| | Shock | 10 G (with 11 ms duration, half sine wave) | |
| Physical Characteristics | Dimensions (W x H x D) | 438 x 43.9 x 530 (17.24" x 1.73" x 20.87") | |
| | Weight | 9 kg (without hard drivers) | |

Note1: There is no expander in HDD backplane. Total of 4 SATA/SAS port signals from motherboard or RAID card are necessary to use all 4 hot-swappable drive bays.

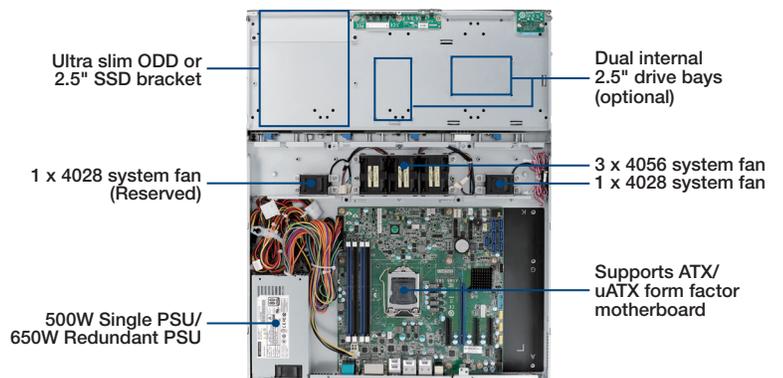
Note2: The connector type of the HPC-8104 series backplane is one SFF-8643, please reference the optional accessories for SAS cable purchasing.

Note3: HPC-8104 does not support AIMB series motherboard.

Front View



Top View

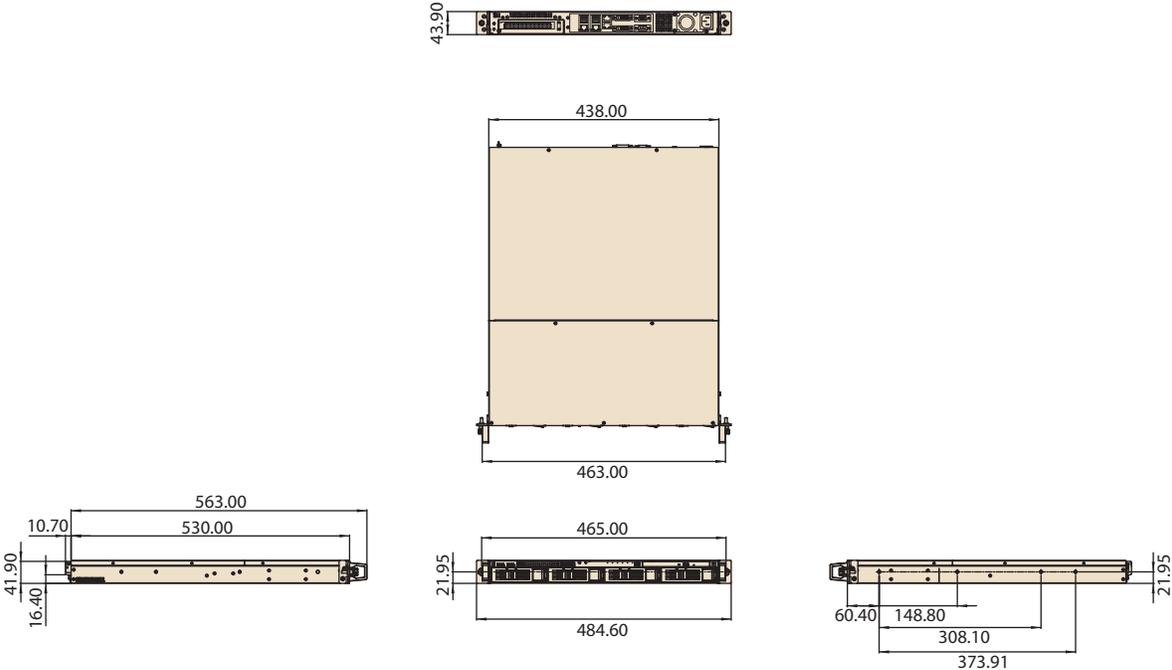


Rear View



Dimensions

Unit: mm



Ordering Information

| Part Number | Built-in PSU | Front HDD Backplane | Expander |
|------------------|---------------------------------|------------------------|------------------|
| HPC-8104SA-65RA1 | 1+1 650W redundant power supply | SAS 12Gb/s, SATA 6Gb/s | Without Expander |
| HPC-8104SA-50A1E | Single ATX 500W | SAS 12Gb/s, SATA 6Gb/s | Without Expander |

Packing List

| Part Number | Description | Quantity |
|-------------------|--|----------|
| 9661831600E | 3.5" HDD Trays (Pre-installed) | 4 |
| 1700028794-01 | 4Pin extended FAN Cable (Accessory Box) | 4 |
| 1750007501-01 | 40 x 40 x 56 System Fan (Pre-installed) | 3 |
| 1750006764-01 | 40 x 40 x 28 System Fan (Pre-installed) | 1 |
| 96PS-A500WFXG | Single ATX 500W PSU (Only pre-installed in HPC-8104SA-50A1E) | 1 |
| XSUN-TD15-0128-01 | Redundant PSU 650W | 1 |
| XSUN-TG15-0650-01 | (Only pre-installed in HPC-8104SA-65RA1) | 2 |

Optional Accessories

| Part Number | Description |
|--------------------|--|
| 1700026158-01 | Type-Y of system fan cable (4-pin) |
| 1700003194 | SATA ODD data cable |
| 96CB-SATAPOWER-6P2 | SATA ODD power cable |
| AIMB-RF10F-01A1E | 1U riser card with 1 PCIe x16 expansion |
| 1750007593-01 | 4028mm high speed system fan (61dB/28CFM) |
| 98R18104000 | HPC-8104 dual 2.5" internal drives accessory kit |
| 1700025064-01 | Internal SAS cable (12G) SFF8643 to SFF8643, 60cm |
| 1700025439-01 | Internal SAS cable (6G) SFF8643 to SFF8087, 60cm |
| 1700029405-01 | (MB) 4 Port SATA to SAS SFF-8643 (Backplane), 55cm |
| 9680017208 | 22" Slide Rail Kit |

Note4: uATX motherboard does not support onboard USB3.0 cable.