

HPC-7420

Short depth 4U Front Access Chassis for EE-ATX/EATX/ATX Server board with 11 FH/FL expansion slots

NEW



Features

- Short depth 4U rackmount chassis support EE-ATX/EATX/ATX server board
- Industry-grade chassis with Front Access Feature
- 11 PCIe expansion slots support
- Wide environment temp support, 0 ~ 50 °C
- 2 hot-swappable 2.5" SATA/SAS/SSD drive bays with slim/ultra slim ODD in option
- Rear-accessible system fan without opening top cover for easy maintenance
- Fan filter included for harsh environment need

CE FCC

Specifications

| | | External | Internal |
|--------------------------|------------------------|--|----------------------------------|
| Drive Bay | Slim/ Ultra Slim ODD | 1 | |
| | 2.5" | 2 (optional) | 2 (optional) |
| | 3.5" | | 2 |
| Cooling | FAN | 3 (12038, for HPC-7420-12ZX) | |
| | | 3 (8025, for HPC-7420-85ZX) | |
| Miscellaneous | LED Indicators | LAN1, LAN2, HDD, Power, and Information LED | |
| Rear I/O Interface | USB3.0 | 2 (option) | |
| Expansion slot | PCIe | up to 11 FHFL PCIe expansion slots | |
| Environment | Temperature | Operating 0 ~ 50 °C with wide-temp peripheral | Non-operating -40 ~ 70 °C |
| | Humidity | 10 ~ 95% @ 50 °C, non-condensing | 10 ~ 95% @ 70 °C, non-condensing |
| | Vibration | 0.3Grms | 2Grms |
| | Shock | 10G (with 11ms duration, half sine wave) | |
| | Dimensions (W x H x D) | 438 mm x 177 mm x 450 mm (17.24" x 6.97" x 17.7") | |
| Physical Characteristics | Weight | 16 kg | |

Front View

HPC-7420-85ZX



**With option 2*2.5" hot-swappable HDD Bays
HPC-7420-85ZX**



HPC-7420-12ZX



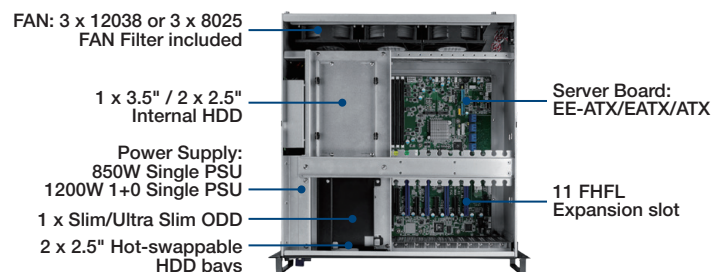
HPC-7420-12ZX



Rear View

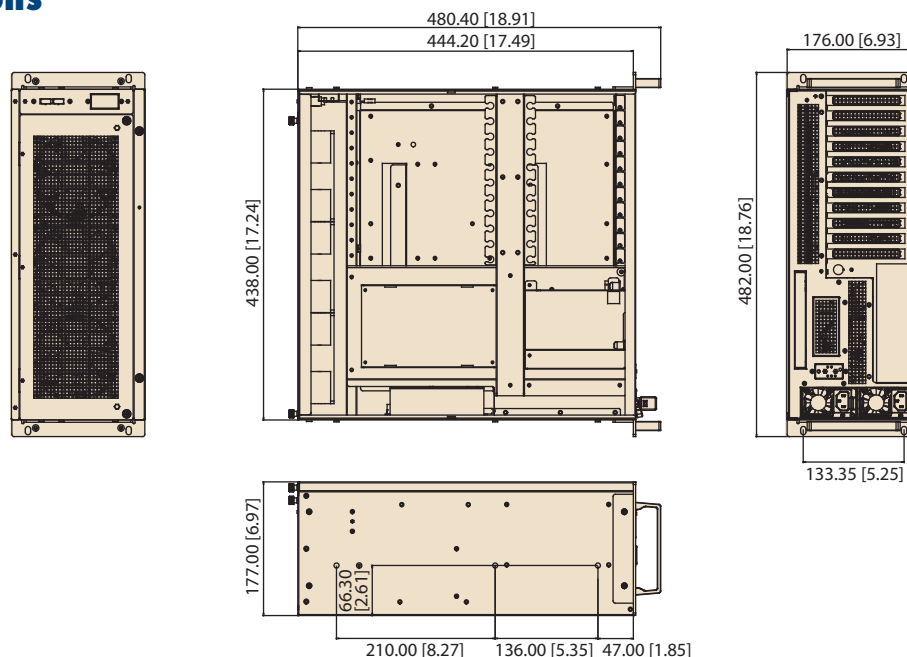


Top View



Dimensions

Unit: mm [inch]



Ordering Information

| Part Number | MB Form Factor | CPU | CPU Cooler | GPU | Built-in PSU |
|---------------|-----------------|-----------------------------|------------|------------------------|--|
| HPC-7420-85ZX | ATX | Single P, up to 165W | 2U | NA | Single Flex ATX 850W |
| HPC-7420-12ZX | ATX/EATX/EE-ATX | Dual P, each CPU up to 165W | 2U | 2*250W with Active FAN | 1200W, 1+0 Single (non-Redundancy) PSU |

Packing List

| Part Number | Description | Quantity |
|----------------|-----------------------|----------|
| 1960087090N001 | Rack Mounting Bracket | 2 |
| 1960076093T001 | Handler | 2 |
| 1960097013N000 | GPU retainer HPC-7420 | 2 |
| 2130021428T000 | Fan filter | 1 |

Optional Accessories

Storage Accessories

| Part Number | Description | Quantity |
|-------------|---|----------|
| 98R1310010E | Module to support 2*2.5" Hot-swappable HDDs with HDD Trays | 1 |
| 989K008734 | Module to securely fix one or two 2.5" HDDs in a 3.5" drive bay. ^{Note1} | 1 |

Note1: 2 x 2.5" HDD/SSD only for HDD thickness less than 9.6 mm, 15mm HDD only support one.

Cables and other accessories

| Part Number | Description | Quantity |
|--------------------|--|----------|
| 96CB-SATAPOWER-6P2 | ODD power cable | 1 |
| 1700071000 | ODD data cable | 1 |
| 96CB-MSAS-SATA-4P3 | CABLE MINI SAS TO 4P SATA 0.6M 6G/S (For SASII RAID Card) | 1 |
| 96CB-MSASH-SATA-4P | CABLE MINI SAS HD TO 4P SATA SGPIO 0.8M (For SASIII RAID Card) | 1 |
| 1700026948-01 | USB 3.0 cable (Rear panel reserved USB port) | 1 |
| 968DE00012 | 20"-31" Slide Rail Kit | 1 |
| 96PSRM-A1K2WCRPA | RPSU CRPS Module A/D 100-240V 1200W W/PFC 80+ | 1 |