

HPC-7420

Short depth 4U Front Access Chassis for E-EATX/EATX/ATX Server board with 2 hot-swap Drive Bays

NEW



Features

- Short depth 4U rackmount chassis support E-EATX/EATX/ATX server board
- Industry-grade chassis with Front Access Feature
- 11 PCIe expansion slots support
- Wide environment temp support, 0 ~ 50 °C
- 2 bay hot-swappable 2.5" SATA/SAS/SSD drive bays with slim/ultra slim ODD
- 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)	1 (optional)
	3.5"		2
Cooling	FAN	3 (12038, for HPC-7420-12ZX / HPC-7420-12RX) 3 (8025, for HPC-7420-85ZX)	
	Miscellaneous	LED Indicators	LAN1, LAN2, HDD, Power, and Information LED
Expansion slot	PCIe	11 FHFL PCIe expansion slots	
Environment	Temperature	Operating 0 ~ 50 °C <small>Note1, Note2</small>	Non-operating -40 ~ 70 °C
	Humidity	10 ~ 95% @ 50 °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	

Note1: When system environment temperature over 40°C, please choose wide temperature SSD. (0-85°C)

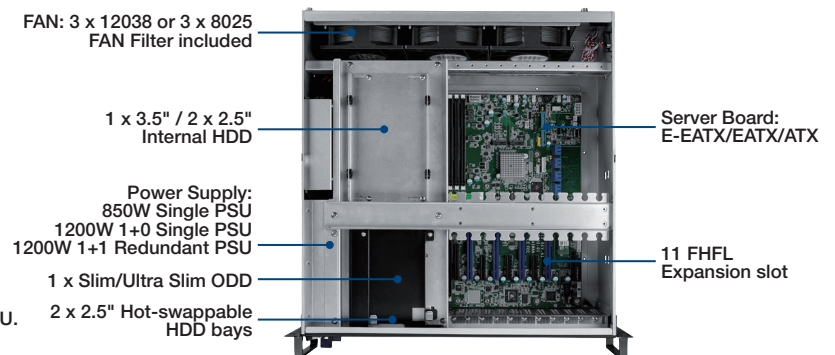
Note2: When system environment temperature over 40°C, please choose wide temperature expansion card. This wide temperature requirement for HPC-7420-85ZX is 70°C, for HPC-7420-12RX, HPC-7420-12ZX is 55 °C.

Front View



Note: 220V AC input power voltage recommend for Redundant PSU.

Top View

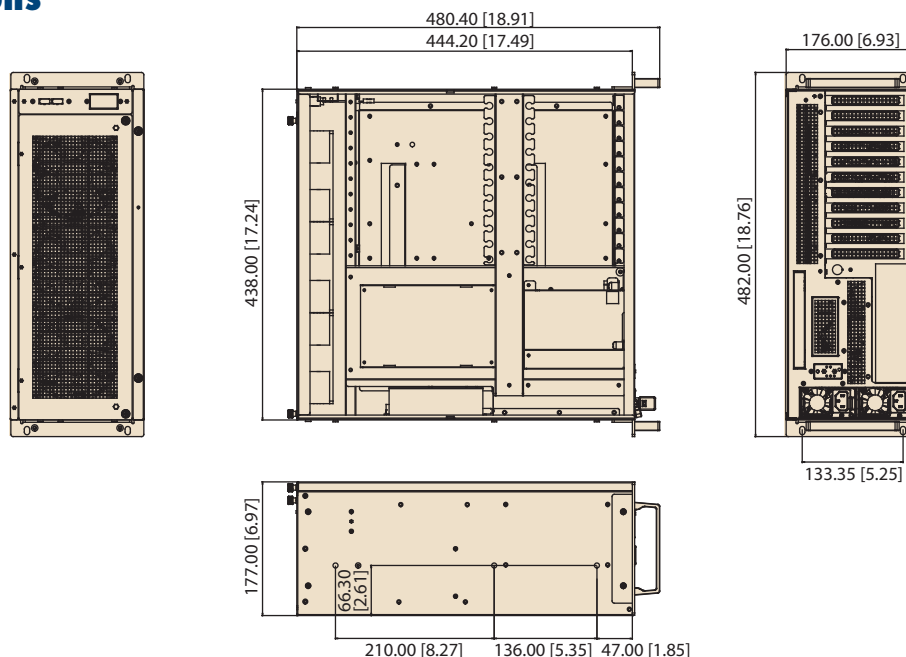


Rear View



Dimensions

Unit: mm [inch]



Ordering Information

Part Number	MB Form Factor	CPU	CPU Cooler	GPU	Built-in PSU
HPC-7420-85ZX	ATX	Single P, 165W ^{Note3}	2U	NA	Single Flex ATX 850W
HPC-7420-12ZX	ATX/EATX/E-EATX	Dual P, 165W	2U	2*250W with Active FAN	1+0 Single (non-Redundancy) PSU
HPC-7420-12RX	ATX/EATX/E-EATX	Dual P, 165W	2U	2*250W with Active FAN	1+1 Redundant PSU

Note3: ASMB-805 CPU support up to 145W

Packing List

Part Number	Description	Quantity
1960087090N000	Rack Mounting Bracket	2
1960076093T001	Handler	2
1960097013N000	GPU retainer HPC-7420	2
1750009323-01	Fan Axial 120x120x38, 8300RPM, 238CFM (HPC-7420-12ZX, HPC-7420-12RX only)	3
1750009196-01	Fan Axial 80x80x25, 4700RPM, 57CFM (HPC-7420-85ZX only)	3
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. ^{Note4}	1

Note4: 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
TBD	20" ~ 22" Slide Rail fit 438mm Chassis	1
96PSRM-A1K2WCRPA	RPSU CRPS Module A/D 100-240V 1200W W/PFC 80+	1