HPC-7420

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

CE FCC

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

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		Operating	Non-operating
	Temperature	0 ~ 50 °C with wide-temp peripheral	-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)	
Physical Characteristics	Dimensions (W x H x D)	438 mm x 177 mm x 450 mm (17.24" x 6.97" x 17.7")	
	Weight	16 kg	

Front View

HPC-7420-85ZX

HPC-7420-12ZX

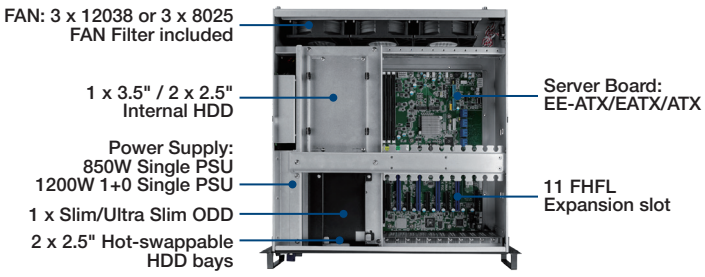
With option 2*2.5" hot-swappable HDD Bays

HPC-7420-85ZX

HPC-7420-12ZX

Rear View

Top View

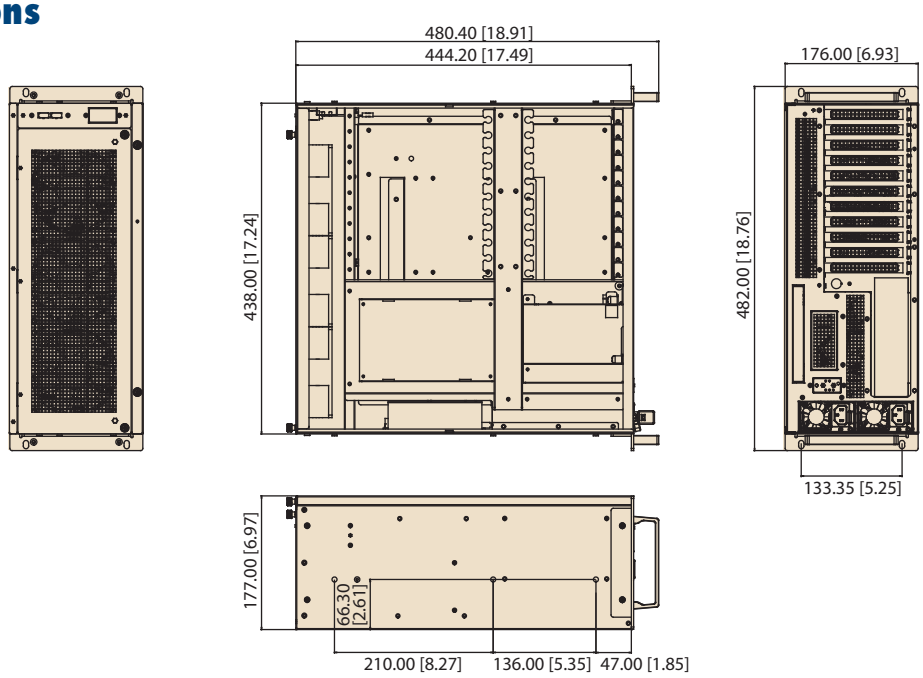


All product specifications are subject to change without notice.

Last updated: 18-Nov-2020

Dimensions

Unit: mm [inch]



Ordering Information

Part Number	MB Form Factor	CPU	CPU Cooler	GPU	Built-un 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,165W	2U	2*250W with Active FAN	1200W, 1+0 Single (non-Redundancy) PSU

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

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