HPC-7120S

1U Short-Depth Server Chassis for Micro ATX/ATX Motherboards
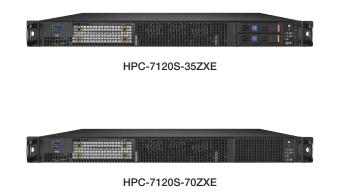

Features

- 1U short-depth server chassis that supports micro ATX/ATX motherboards
- Two hot-swappable and two internal 2.5" SATA/SSD drive bays
- Anti-vibration fan
- Two front-accessible USB 3.0 ports
- Compatible with a front-accessible I/O design

CE FCC

Specifications

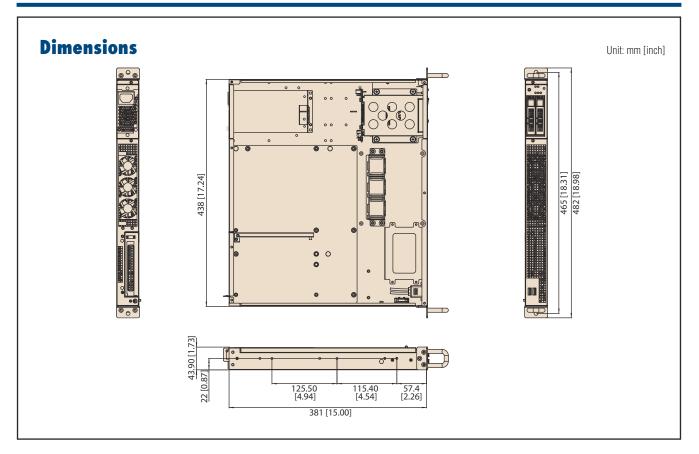|			
Form Factor Support		Micro ATX/ATX	
Expansion Slots		1 x PCIe x16 (Full-Height & Half-Length)	
Drive Bay	Slim ODD Bay	-	
	5.25" (Front Accessible)	-	
	3.5" (Hot Swappable)	-	
	3.5" (Internal)	-	
	2.5" (Hot Swappable)	2 x SASII / SATAIII (HPC-7120S-35ZXE only)	
	2.5" (Internal)	2 x SATA III	
Cooling	Chassis Fan	3 (4 cm/23.1 CFM)	
	Air Filter	-	
System Monitoring	Chassis Intrusion Switch	Yes	
Front I/O	USB 3.0	2	
Miscellaneous	LED Indicators	System: Power, LAN 1, LAN 2, HDD, and System Information HDD Tray: HDD Power and Activity	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40 °C (32 ~ 104 °F)	-40 ~ 70 °C (-40 ~ 158 °F)
	Humidity	10 ~ 95% @ 40 °C, non-condensing	10 ~ 95% @ 60 °C, non-condensing
	Vibration	1 Grm (5 ~ 500 Hz)	2 G (5 ~ 500 Hz)
	Shock	10G (with 11ms duration, half sine wave)	
Physical Characteristics	Dimensions (W x H x D)	438 x 43 x 381 mm (17.24" x 1.7" x 15")	

Front View

HPC-7120S-35ZXE

HPC-7120S-70ZXE

Rear View

Front I/O View

HPC-7120S-35ZXE

Dimensions

Unit: mm [inch]

438 [17.24]

465 [18.31]
482 [18.98]

43.90 [1.73]

22 [0.87]

125.50 [4.94]   115.40 [4.54]   57.4 [2.26]

381 [15.00]

Ordering Information

Part Number	Description
HPC-7120S-35ZXE	HPC-7120S 1U chassis w/ 350W SPS
HPC-7120S-70ZXE	HPC-7120S 1U chassis w/ 700W SPS

Packing List

Part Number	Items	Quantity
9661310000E	Hot-swappable 2.5" HDD tray (HPC-7120S-35ZXE only)	2
1700024530-01	Front USB 3.0 cable	1
1750006764-01	System fan (4 cm)	3

Optional Accessories

Part Number	Description
96CB-MSAS-SATA-4P2	Mini SAS to 4-pin SATA SGPIO cable, 0.7 m, 6 G
19Z0001023T000	1U I/O shield for ASMB-584
19Z0001156T000	1U I/O shield for ASMB-585/785
19Z0000747T000	1U I/O shield for ASMB-784
19Z0000406T000	1U I/O shield for ASMB-781/782/820
19Z0000811N000	1U I/O shield for ASMB-822/813
19Z0000806T000	1U I/O shield for ASMB-823
AIMB-RF10F-01A1E	1U PCIe x16 to PCIe x16 riser card
9680017208	22" rail kit for chassis (438 mm)
1990026944T000	Mylar air duct for front I/O application and ASMB-823

Note:

1. A 96CB-MSAS-SATA-4P2 cable is required to use an add-on RAID card with mini SAS connector.

2. HPC-7120S does not support AIMB series motherboards.

3. A 1990026944T000 is recommended for the front I/O to improve thermal performance.

4. A 1990026944T000 is required for ASMB-823 to support dual CPUs. Additionally, only temperatures of up to 30 °C are supported.