

# HPC-7120S

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



CE FCC

### 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

### Specifications

Form Factor Support	Micro ATX/ATX	
Expansion Slots	1 (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)
Cooling	2.5" (Internal)	2 x SATA III
	Chassis Fan	3 (4 cm/23.1 CFM)
System Monitoring	Air Filter	-
	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

### Rear View



### Front I/O View



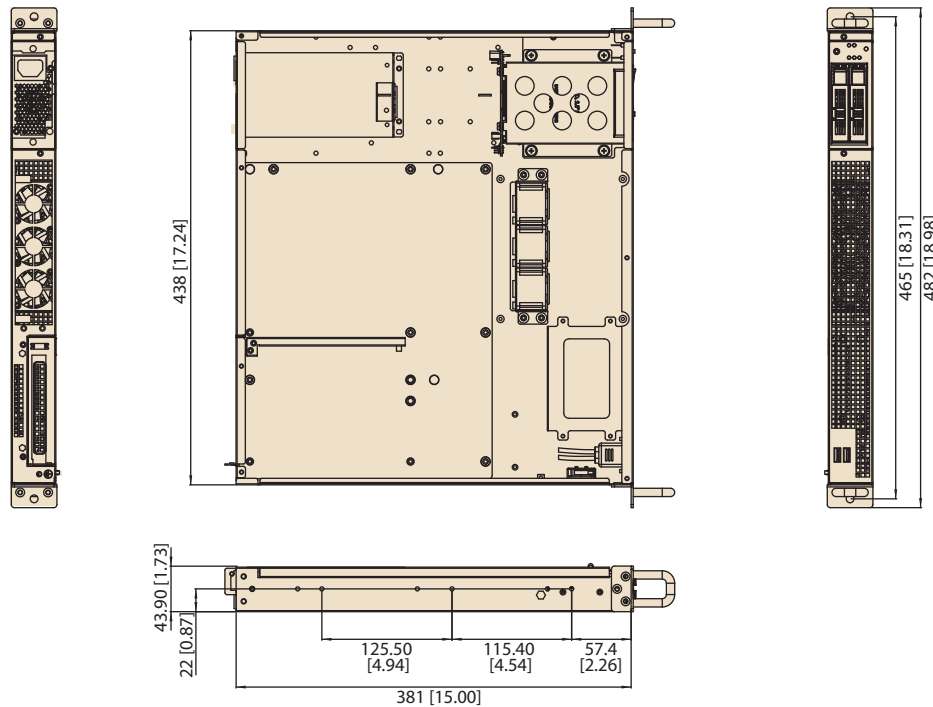
HPC-7120S-70ZXE



HPC-7120S-35ZXE

## Dimensions

Unit: mm [inch]



## 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-4P3	Mini SAS to 4-pin SATA SGPIO cable, 0.6m for 6Gb/s
19Z0000406T110	1U I/O shield for ASMB-260
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
19Z0000406T110	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
1960082347T000	1U I/O shield for ASMB-815
1960082348T000	1U I/O shield for ASMB-825
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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Advantech:](#)

[HPC-7120S-70ZXE](#) [HPC-7120S-35ZXE](#)