HPC-7140

1U Rackmount Server Chassis for MicroATX/ATX Server board with 4 x 3.5" Hot-swap Drive Bays

Features

- 1U rackmount server chassis supports MicroATX/ATX motherboard
- Four hot swap 3.5" SATA/SSD drive bays
- Supports 1U single
- Easy swap and anti-vibration FAN design
- Two front USB and one front COM ports

CE FCC

Specifications

Form Factor Support		Operating	Non-Operating
Form Factor Support		MicroATX/ATX	
Expansion Slots		1 (Full Height / Half Length)	
Drive Bay	Slim ODD Bay	1 (ODD should be purchased separately)	
	5.25" (front-accessible)	-	
	3.5" (hot-swappable)	4 x SATAIII	
	3.5" (internal)	-	
	2.5" (hot-swappable)	Optional	
	2.5" (internal)	-	
Cooling	Chassis Fan	4 (4cm / 23CFM)	
	Air Filter	-	
System Monitoring	Chassis intrusion switch	Yes	
Front I/O Interface	USB 2.0	2	
	COM Ports	1	
Miscellaneous	LED Indicators	System : Power, LAN1, LAN2, HDD, System Information HDD Tray: HDD Power and Activity LED	
	Rear Panel	-	
Environment		Operating	Non-Operating
	Temperature	0 ~ 35 °C (32 ~ 95 °F)	-40 ~ 70 °C (-40 ~ 158 °F)
	Humidity	10 ~ 85% @ 40 °C non-condensing	10 ~ 95% @ 40 °C, non-condensing
	Vibration (5-500 Hz)	0.25Grms	0.5G
Physical Characteristics	Dimensions (W x H x D)	437 x 43 x 504 mm (17.2" x 1.7" x 19.85")	

Front View

Rear View

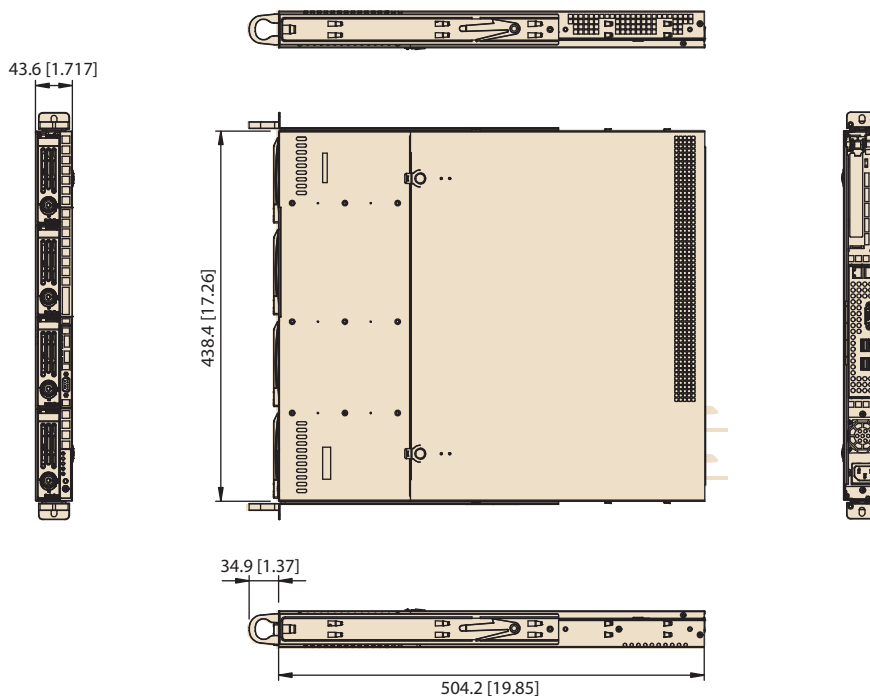**Single Power Supply SKU**

Note: If need to use 3.5" SAS 12Gb/s HDD or redundant power supply , please change model to HPC-8104 1U Chassis.

Last updated: 8-Jun-2022

Dimensions

Unit: mm [inch]

43.6 [1.717]

438.4 [17.26]

34.9 [1.37]

504.2 [19.85]

Ordering Information

Part Number	Description
HPC-7140-00A1E	HPC-7140 1U 4 bays server chassis (w/o single power supply)

Packing List

Items	Quantity
Hot-Swap 3.5" HDD tray with SATA cable (Pre-install)	4
Accessory Box	1

Power Supply Options

Part Number	80 Plus Grade	Wattage	Type	Input
PS8-350FATX-GB	Gold	350W	Single	AC 100 ~ 240V (full range)
PS8-500FATX-GB	Gold	500W	Single	AC 100 ~ 240V (full range)

Optional Accessories

Part Number	Description
19Z0001156T000	1U IO Shield for ASMB-585/785
1960088060T001	1U IO Shield for ASMB-586/786
1960082347T000	1U IO Shield for ASMB-815
1960082348T000	1U IO Shield for ASMB-825
1703040150	Type Y of Peripheral B4P Power Connector
96CB-SATAPOWER-6P2	SATA POWER ADAPTER 6PIN TO BIG 4 PIN(G) for Slim ODD
AIMB-RF10F-01A1E	1U PCIe x16 to PCIe x16 Riser Card
1960094951N000	2.5" HDD Bracket for Swappable HDD Tray
9680016685	25.6" - 33" Rail Kit for HPC-7140

* Note:
1. HPC-7140 does not support AIMB series motherboards.
2. HPC-7140 only supports up to 30 °C when ASMB-825 has been installed.
3. When installing Slim ODD, purchasing 1703040150 is a MUST.