HPC-7442

4U Rackmount Chassis for EATX/ATX/ MicroATX Motherboard with 4 Hot Swap Drive Trays

Features

- Supports EATX/ATX/MicroATX motherboard
- Shock-resistant disk drive bay provides four hot-swap 3.5" or 2.5" SAS/SATA disk trays, one slim optical disk drive, and one 3.5" internal drive
- With optional storage upgrade kit installed, system equipped up to eight hot-swap HDD trays for higher storage capacity requirement
- Supports 80plus single and redundant power supply
- Front-accessible system fan without opening top cover for easy maintenance
- LED indicators and alarm notification for system fault detection
- Built-in Intelligent system module enabling whole system fan control and remote manageability

Quiet

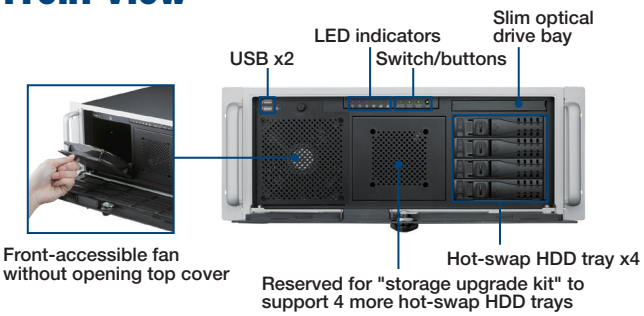
CE FCC

Specifications

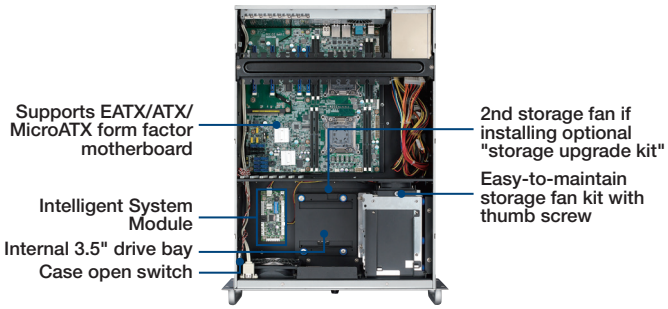
		External	Internal
Drive Bay	Slim Optical Drive	1	-
	3.5"	-	1
	Hot Swap	4 SASII/SATAIII HDDs (support upgrade to 8)*	
Cooling	Fan*	1 (12 cm /114 CFM) + 1 (8 cm/55 CFM)	
	Air Filter	Yes	
Front I/O Interface	USB 2.0	2	
Miscellaneous	LED Indicators	Power, HDD, temperature, fan, LAN1, and LAN2	
	Rear Panel	Five 9-pin D-Sub and one 68-pin SCSI openings	
Intelligent System Module Remote Monitoring	CPU/System fan speed, CPU/System temperature, motherboard voltage (Only selected Advantech MBs/CPU cards with SUSIAccess installed can fully enable these functions, check with an Advantech local rep. for detailed information.)		
Environment		Operating	Non-Operating
	Temperature	0 ~ 40 °C (32 ~ 104 °F)	-40 ~ 70 °C (-40 ~ 156 °F)
	Humidity	10 ~ 95% @ 40 °C, non-condensing	10 ~ 95% @ 60 °C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	
Physical Characteristics	Dimensions (W x H x D)	426 x 177 x 600 mm (16.7" x 7.0" x 23.6")	
	Weight	18.5 kg (40.68 lb)	

* While adding the optional "storage upgrade kit", the chassis will support four more front-accessible SAS/SATA drive trays and one more (8cm/55CFM) fan for SAS/SATA drives.

Front View



Inside View



Upgrade Features

HPC-7442 default SKU
(supports 4 hot-swap HDD trays)

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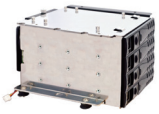

Storage upgrade kit
(optional , 98R2744200E)

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HPC-7442 8-bay SKU
(supports 8 hot-swap HDD trays)

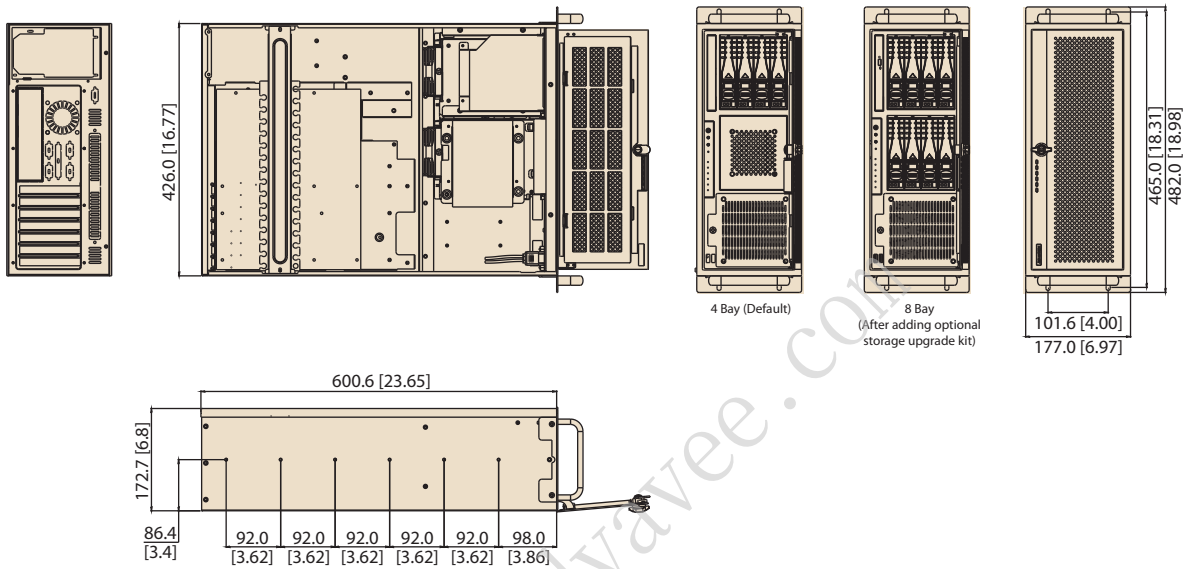
https://advovee.com

All product specifications are subject to change without notice.

Last updated: 19-May-2021

Dimensions

Unit: mm [inch]



Ordering Information

Part Number	Description
HPC-7442MB-00XE	Without PSU, with ATX switch

Packing List

Part Number	Description
9662132020E	Black mobile HDD tray
1990021256T000	Door filter

Power Supply Options

Part Number	80 Plus Grade	Wattage	Type	Input
PS8-500ATX-BB	Bronze	500W	Single	AC 100 ~ 240 V (full range)
PS8-700ATX-BB	Bronze	700W	Single	AC 100 ~ 240 V (full range)
RPS8-500ATX-GB	Gold	500W	(1+1) Redundant	AC 100 ~ 240 V (full range)

Optional Accessories

Part Number	Description
98R2744200E	Storage Upgrade Kit
96CB-SATAPOWER-6P2	SATA power wire 6-pin to big 4-pin (for slim ODD)
NOTE2.	Cable for RAID Card to HDD BP 4x 7pin SATA conn.
989K008734	Internal 3.5" to two 2.5" HDD Frame
9680006905	26" Slide Rail

NOTE:
When insert SASIII (12Gb/s) HDD into the hot-swap HDD bay, please manually set the speed at SASII (6Gb/s) due to the hardware specification.
NOTE2:
This cable please reference to PAPS RAID Card compatible cables list.

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