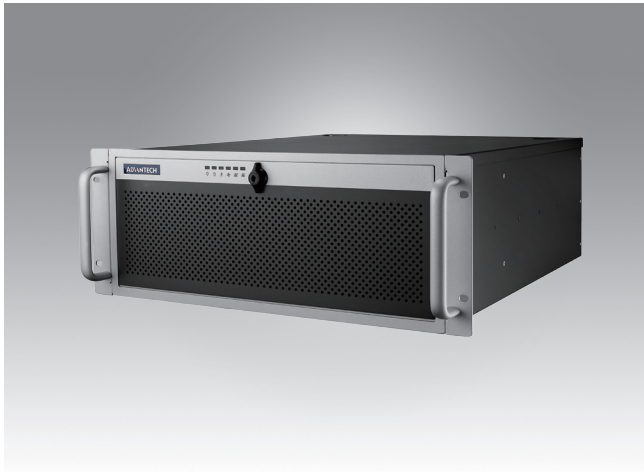


# HPC-7442

## 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

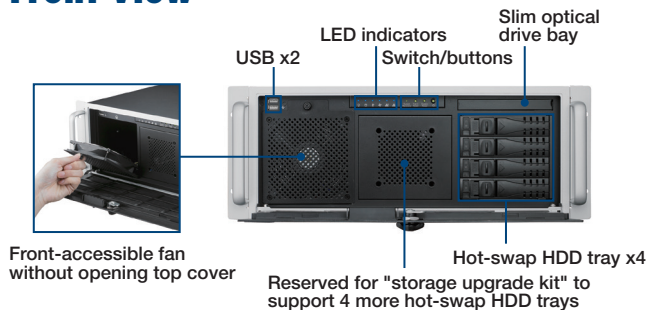
### Quiet Specifications

CE FCC

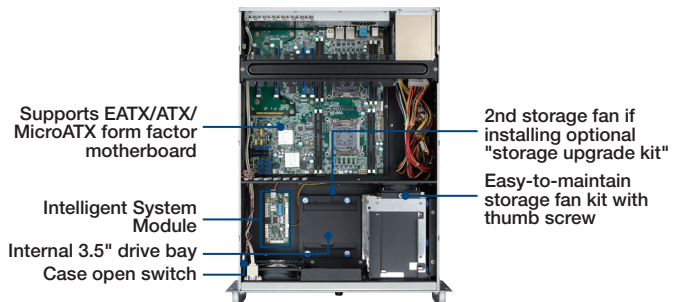
		External	Internal
Drive Bay	Slim Optical Drive 3.5"	1	-
	Hot Swap	4 SASII / SATAIII HDDs (support upgrade to 8)	1
	Fan*	1 (12 cm /114 CFM) + 1 (8 cm/55 CFM)	
Cooling	Air Filter	Yes	
Front I/O Interface	USB 2.0	2	
Miscellaneous	LED Indicators	Power, HDD, temperature, fan, LAN1, and LAN2	
	Rear Panel	Five 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.)		
		Operating	Non-Operating
Environment	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

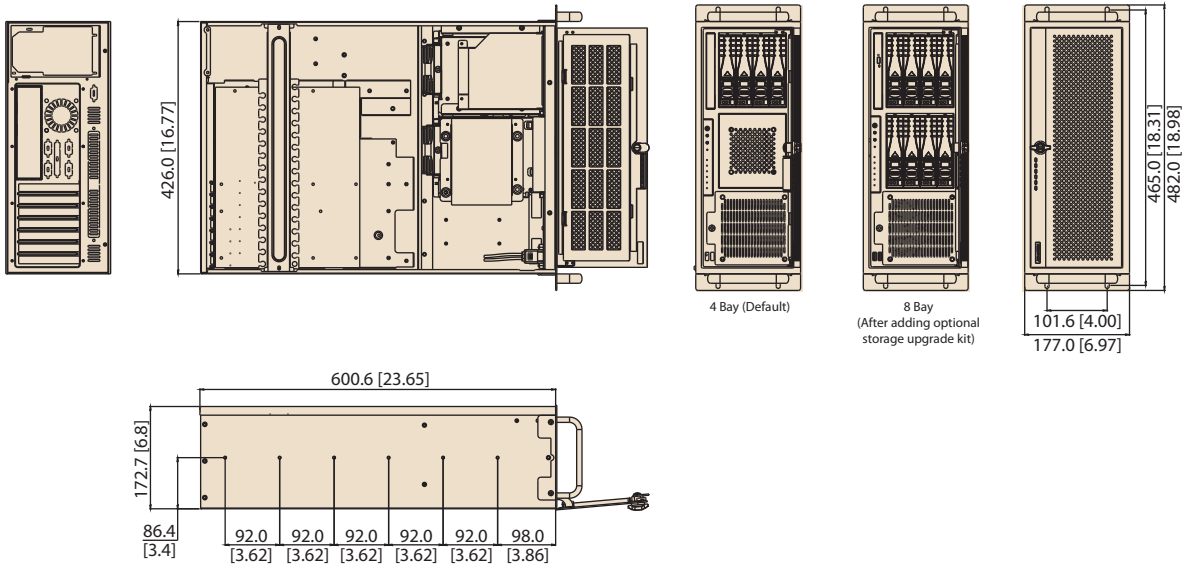


### Upgrade Features



**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
PS8-400ATX-ZE	Bronze	400W	Single	AC 100 ~ 240 V (full range)
PS8-500ATX-ZE	Bronze	500W	Single	AC 100 ~ 240 V (full range)
PS8-700ATX-ZE	Bronze	700W	Single	AC 100 ~ 240 V (full range)
RPS8-500ATX-XE	Bronze	500W	(1+1) Redundant	AC 100 ~ 240 V (full range)
RPS8-750ATX-XE	Gold	750W	(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)
96CB-SAS-SATA-4P1	Mini SAS to 4-port SATA Cable
989K008734	Internal 3.5" to two 2.5" HDD Frame
9680006905	26" Slide Rail