HPC-7442

4U Rackmount/Tower Chassis for EATX/ATX Motherboard with Up to 8 SAS/SATA HDD Trays

Features

- Supports EATX/ATX motherboard in 4U rackmount/tower chassis
- Shock-resistant disk drive bay holds four hot-swap 3.5" and 2.5" SAS/SATA disk trays, one slim optical disk drive, and one 3.5" internal drive
- With installation of optional storage upgrade kit, eight hot-swap HDD trays provide high storage capacity
- Supports 80plus single and redundant power supply
- Front-accessible system fan without opening top cover for easy maintenance
- LED indicators and audible alarm notification for system fault detection
- Smart fan speed control for system fans
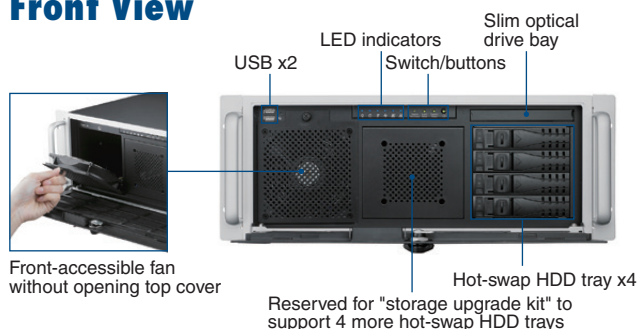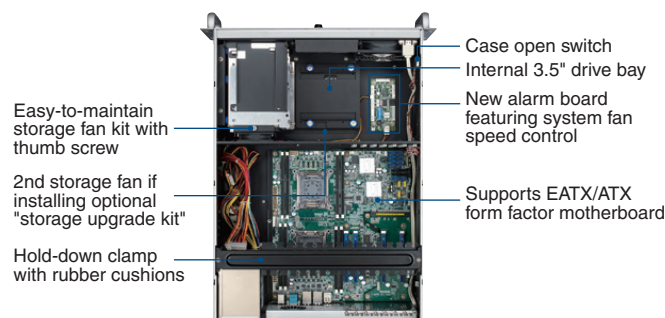- Remote management (with new alarm board + SUSIAccess)

Quiet   CE FCC RoHS COMPLIANT 2002/95/EC

Specifications

		Front-accessible	Internal
Drive Bay	Slim Optical Drive	1	-
	2.5" or 3.5"*	4 SAS/SATA HDDs	1 (3.5")
Cooling	Fan*	1 (12 cm /114 CFM) + 1 (8 cm/55 CFM) for SAS/SATA storage unit	
	Air Filter	Yes	
Front I/O Interface	USB	2	
Miscellaneous	LED Indicators	Power, HDD, temperature, fan, LAN1, and LAN2	
	Rear Panel	Five 9-pin D-Sub and one 68-pin SCSI openings	
		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)	482 x 177 x 600 mm (19" 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 HDDs and one more (8cm/55CFM)fan for SAS/SATA storage unit.

Front View

- USB x2
- LED indicators
- Switch/buttons
- Slim optical drive bay
- Front-accessible fan without opening top cover
- Reserved for "storage upgrade kit" to support 4 more hot-swap HDD trays
- Hot-swap HDD tray x4

Inside View

- Case open switch
- Internal 3.5" drive bay
- New alarm board featuring system fan speed control
- Supports EATX/ATX form factor motherboard
- Easy-to-maintain storage fan kit with thumb screw
- 2nd storage fan if installing optional "storage upgrade kit"
- Hold-down clamp with rubber cushions

Upgrade Feature

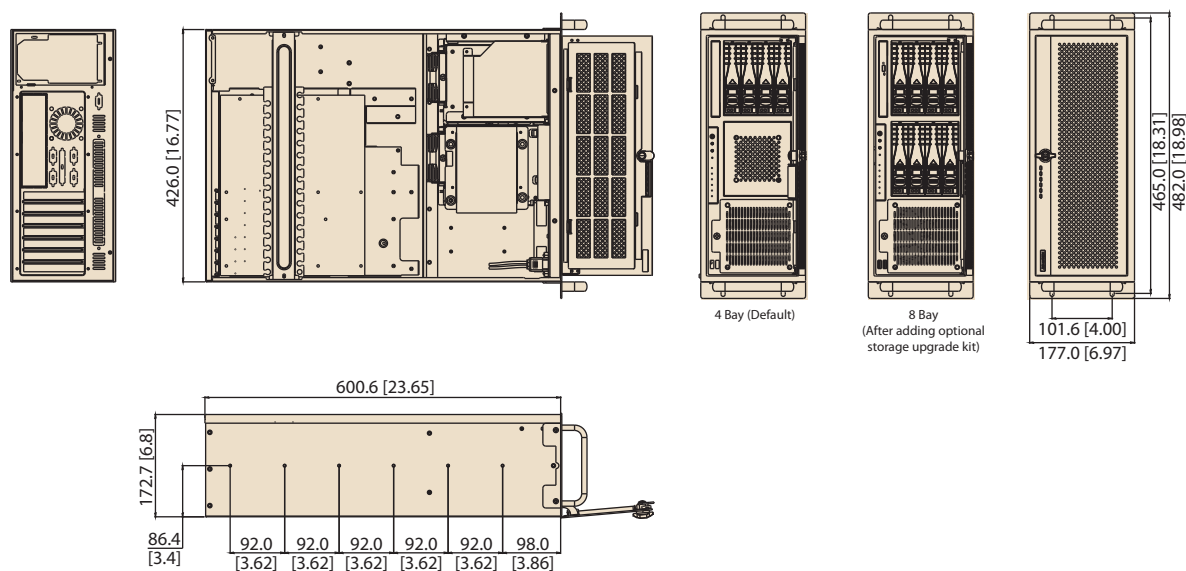HPC-7442 default sku
(supports 4 hot-swap HDD trays)

+

Storage upgrade kit
(optional)

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

*Note: Motherboard and power supply are not included.

Dimensions

Unit: mm [inch]

426.0 [16.77]

4 Bay (Default)

8 Bay
(After adding optional storage upgrade kit)

465.0 [18.31]
482.0 [18.98]

101.6 [4.00]
177.0 [6.97]

600.6 [23.65]

172.7 [6.8]

86.4 [3.4]

92.0 [3.62] 92.0 [3.62] 92.0 [3.62] 92.0 [3.62] 92.0 [3.62] 98.0 [3.86]

Ordering Information

Part Number	Power Supply
HPC-7442MB-00XE	Without power supply, with ATX switch

Power Supply Options

Part Number	Specifications	
	Watts	Input
PS8-400ATX-ZE (ATX, PFC)	400 W	AC 100 ~ 240 V (full range)
1757004335-01 (ATX, PFC)	500 W	AC 100 ~ 240 V (full range)
1757004336-01 (ATX, PFC)	700 W	AC 100 ~ 240 V (full range)
1757004393-01 (1+1 redundant)	500 W	AC 100 ~ 240 V (full range)
1757004372-01 (1+1 redundant)	800 W	AC 100 ~ 240 V (full range)

Optional Accessories

Part Number	Description
9680014979	Storage Upgrade Kit (including 4-bay HDD cage, four hot-swap HDD trays, 4-bay HDD backplanes, one cooling fan)

Spare Parts

Part Number	Description
9662132000E	Black mobile HDD tray
1990021256T000	Door filter
1700011772	SATA power wire 6-pin to big 4-pin (for slim ODD)