

SYS-4U7442-4S01

Dual LGA 2011 Intel® Xeon® E5-2600 4U Systems with 3 x PCIe x16, 1 x PCIe x8, PME Support



Features

- Intel® C602J Platform
 - Intel® Dual Xeon® E5-2600(v2) processor
 - DDR3 1600MHz RDIMM up to 128GB
- Expansion Capability
 - 1 PCIe x8 (Gen3.0) + 3 PCIe x16 (Gen3.0) + PME expansion slot
 - Four hot-swap 3.5" and 2.5" Drive Bay (Upgradable to Eight), One Slim Optical Drive, and One 3.5" Internal Drive
- Thoughtful and Management Design
 - Intelligent remote manageability
 - Front-accessible system fan
 - 500W 80 plus power supply



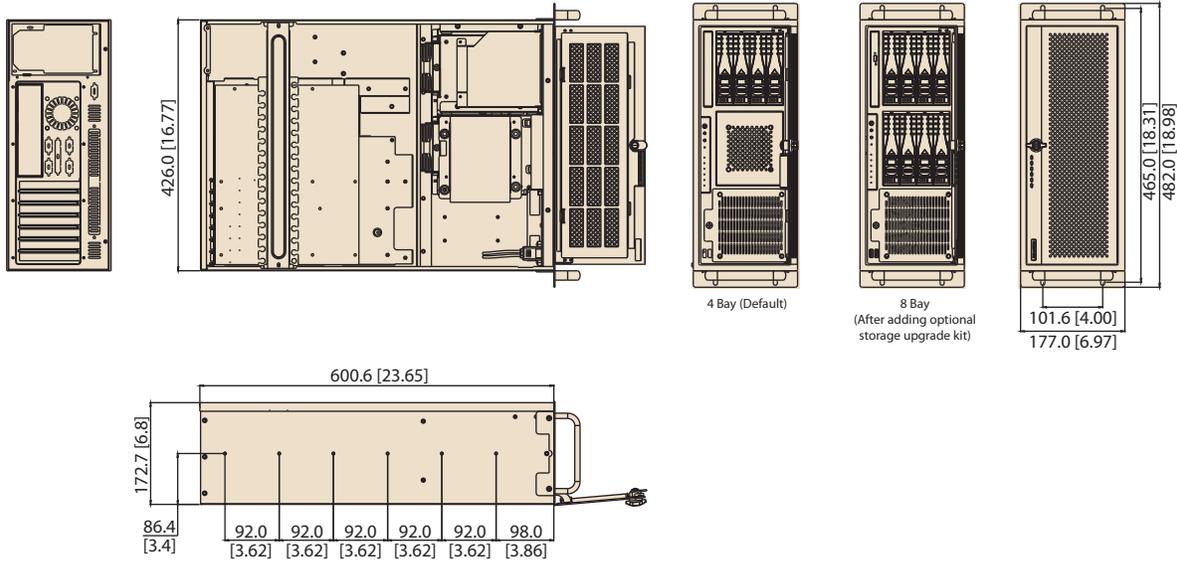
Specifications

Processor System	Chipset	Intel C602J chipset	
	Socket	Intel LGA 2011	
	CPU type	Intel Xeon E5-2600(v2) dual processor (CPU cooler should be purchased separately and TDP up to 95W)	
Memory	Total slots	8 (Quad Channel)	
	Capacity	Maximum 128 GB ECC RDIMM	
	Memory type	DDR3 ECC-REG/ECC/Non-ECC 1600/1333/1066 MHz DIMM	
	Memory size	1 GB, 2 GB, 4 GB, 8 GB, 16 GB	
Graphics	VGA	Aspeed AST2300 64 MB	
	Total PCI/PCI-X/PCIe slots	7	
Expansion Slots	Slot location 1	Fit to PME daughter board	
	Slot location 2	Fit to PME daughter board	
	Slot location 3	Fit to PME daughter board	
	Slot location 4	1 x PCIe x8 slot (x8 link), signal from CPU0	
	Slot location 5	1 x PCIe x16 slot (x16 link), signal from CPU1	
	Slot location 6	1 x PCIe x16 slot (x16 link), signal from CPU0	
	Slot location 7	1 x PCIe x16 slot (x16 link), signal from CPU1	
Storage	Front-accessible	Internal	
	Slim Optical Drive	1	-
Front I/O Interface	2.5" or 3.5"*	4 SAS/SATA HDDs (can upgrade to 8)	1 (3.5")
	USB	2	
Rear I/O Interface	External serial port	1	
	External USB port	4 (2*USB2.0 + 2*USB3.0)	
	VGA port	1	
	RJ-45	3 (1 port dedicated for IPMI function)	
	PS/2 KB/mouse	1	
Watchdog Timer	Output	System reset	
	Interval	Programmable 1 ~ 255 sec/min	
Power Supply	Output Rating	500W	
	Input Voltage	AC 100 ~ 240 V (full range)	
Cooling	Fan*	1 (12 cm /114 CFM) + 1 (8 cm/55 CFM) for SAS/SATA storage unit	
	Air Filter	Yes	
Miscellaneous	LED Indicators	Power, HDD, temperature, fan, LAN1, and LAN2	
	Remote Management	Remote monitoring: temperature, fan speed, HD status, voltage Active control: schedule on/off, remote KVM Complete protection: system recovery (Acronis), system protection (McAfee)	
	Rear Panel	Five 9-pin D-Sub and one 68-pin SCSI openings	
		Operating	Non-Operating
Environment	Temperature	0 ~ 50° C (32 ~ 122° F)	-40 ~ 70° C (-40 ~ 156° F)
	Humidity	10 ~ 95% @ 40° 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.

Dimensions

Unit: mm [inch]



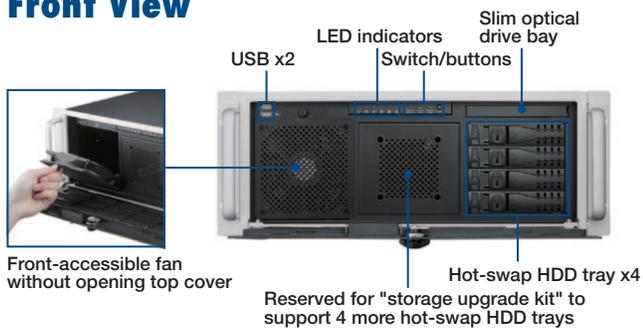
Ordering Information

Please visit Advantech eStore for order entry
<http://buy.advantech.com/>

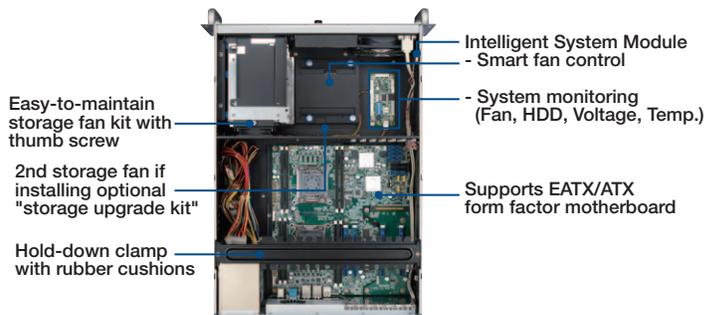
System Content

Item	P/N
Chassis	HPC-7442MB-00XE
Motherboard	ASMB-922I-00A1E
Power Supply	PS8-500ATX-ZE (ATX, PFC)

Front View



Inside View

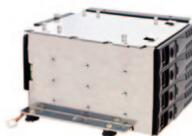


Upgrade Feature



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

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Storage upgrade kit (optional, 9680014979)

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