

SYS-2U7242-4S01

**2U LGA1150 Intel® Xeon® E3 v3
ATX Server with 3 Expansion Slots,
Front USB3.0**



Features

- Intel® C226 Platform
 - LGA 1150 Intel® Xeon® E3-1200 v3 and 4th Gen Core i processors
 - DDR3 1600 MHz ECC/Non-ECC UDIMM up to 32 GB
- Expansion Capability
 - 1 PCIe x8, 2 PCIe x4
 - Four Hot-swap 3.5" and 2.5" HDD Bay, One Slim Optical Drive, and Two 2.5" Internal Drive
- Thoughtful and Management Design
 - Intelligent Remote Manageability
 - Front-accessible system fan
 - Smart fan speed control for system fans
 - 500W power supply

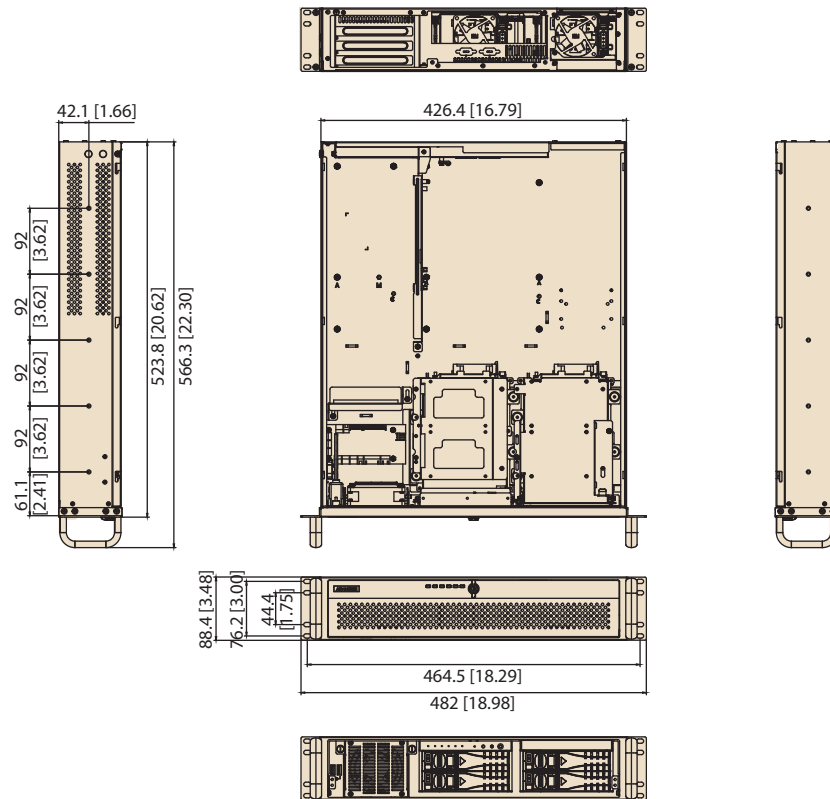


Specifications

Processor System	CPU	Xeon E3-1275 v3	Xeon E3-1225 v3	Xeon E3-1268 v3	Core i7-4770S	Core i5-4570TE	Core i3-4330
	Cores	4	4	4	4	2	2
	Speed	3.5	3.2	2.3	3.1	2.7	3.5
	L3 Cache	8 MB	8 MB	8 MB	8 MB	4 MB	3 MB
	Socket	LGA 1150					
	Chipset	Intel C226 chipset					
	BIOS	AMI 128 Mbit SPI (UEFI)					
Memory	Technology	Dual Channel DDR3 ECC/Non-ECC 1066/1333/1600 MHz (ECC function enable depends on processor supporting)					
	Max. Capacity	32 GB					
	Socket	4 x 240-pin DIMM					
	Memory size	1 GB, 2 GB, 4 GB, 8 GB					
Graphics	Controller	Intel HD Graphics					
Expansion Slot	PCI Express x8	1					
	PCI Express x4	2					
Ethernet	Interface	10/100/1000 Mbps					
	Controller	GbE LAN1: Intel I217-LM; GbE 2~4: Intel I210-AT					
Storage		Front-accessible			Internal		
	Slim Optical Drive	1			-		
	2.5" or 3.5"	4 SAS/SATA HDDs			2 (2.5")		
Front I/O Interface	USB	2 (3.0)					
Rear I/O Interface	External serial port	1					
	External USB port	4 (2 USB 3.0 and 2 USB 2.0)					
	VGA port	1					
	DVI	2					
	Display Port	-					
	RJ-45	2					
	PS/2 KB/mouse	2					
Watchdog Timer	Output	System reset					
	Interval	Programmable 1 ~ 255 sec					
Power Supply	Output Rating	500W					
	Input Voltage	100 ~ 240 V _{AC}					
Cooling	Fan	1 (8 cm/47CFM) + 2 (6 cm/28CFM) for SAS/SATA storage unit					
	Air Filter	Yes					
Miscellaneous	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)					
	LED Indicators	Power, HDD, temperature, fan, LAN1, and LAN2					
	Rear Panel	Two 9-pin D-Sub					
			Operating			Non-Operating	
Environment	Temperature	0 ~ 50° C (32 ~ 122° 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 88 x 525 mm (19" x 3.46" x 20.67")					
	Weight	13.7 kg (30.12 lb)					

Dimensions

Unit: mm [inch]



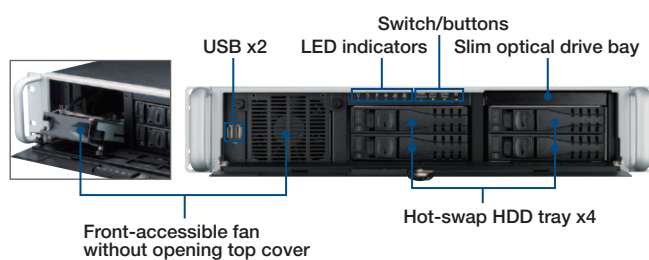
Ordering Information

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

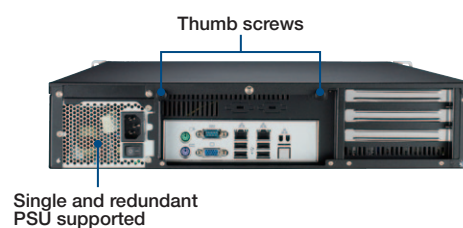
System Content

Item	P/N
Chassis	HPC-7242MB-00XE
Motherboard	ASMB-784G2-00A1E
Riser Card	ASMB-RF348-21A1E
Power Supply	1757004392-01 (ATX, PFC)

Front view



Rear view



*Note: Motherboard and power supply are not included.