SYS-4U4340-4S01

4U LGA 1150 Intel® Xeon® E3 V3 Server with Gen 3.0 PCIe, Front USB3.0



Features

- Intel® C226 Platform
  - LGA1150 Intel® Xeon® E3-1200 v3 and 4th Gen Core i processor
  - DDR3 1600 MHz ECC/Non-ECC UDIMM up to 32GB
- Expansion Capability
  - 3 PCI, 2 PCIex1, 2 PCIex16(with x8 link) or 1x PCIex16 (Gen3)
  - Four 3.5", One 2.5" HDD Bay and 1 Slim Optical Drive
- Thoughtful and Management Design
  - Intelligent remote manageability
  - Smart fan control
  - Lockable front door prevents unauthorized access
  - 400W 80 plus power supply

Remote Mgmt. | Power Optimized | Thermal Optimized | Long Life Cycle

Specifications

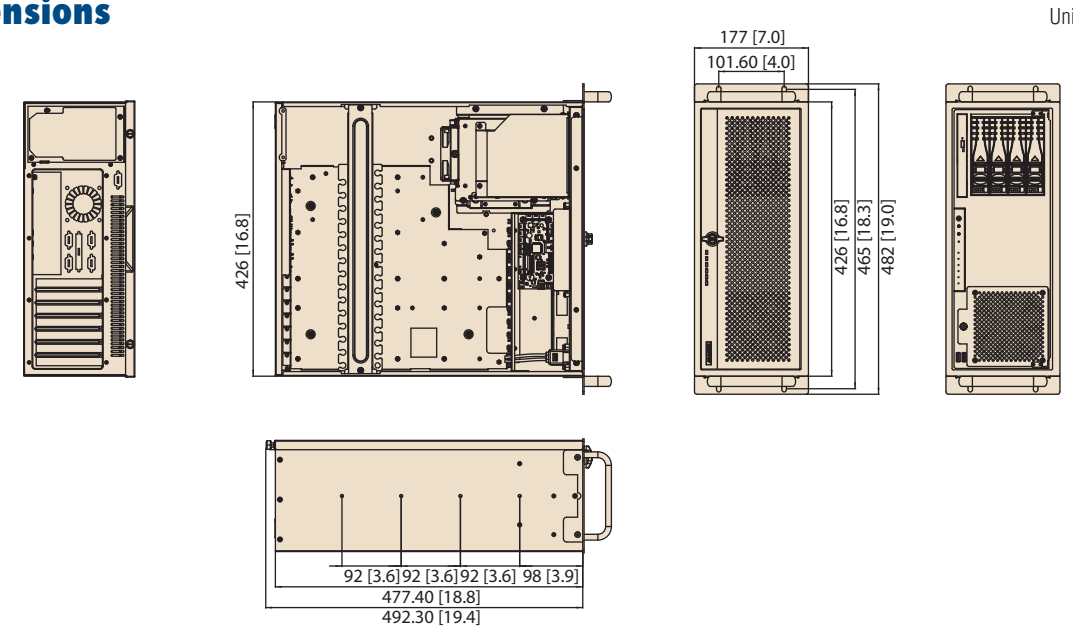
Processor System	CPU	Xeon E3-1275 v3	Xeon E3-1225 v3	Xeon E3-1268 v3	Core i7-4770S	Core i5-4570TE	Core i3-4330
	Cores	4	4	4	4	2	2
	Speed	3.5	3.2	2.3	3.1	2.7	3.5
	L3 Cache	8 MB	8 MB	8 MB	8 MB	4 MB	3 MB
	Socket	LGA 1150					
	Chipset	Intel C226 chipset					
	BIOS	AMI 128 Mbit SPI (UEFI)					
Memory	Technology	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					
	VRAM	1 GB maximum shared memory with 2 GB and above system memory installed					
Expansion Slots	PCI Express x 16 (Gen 3)	2 (One PCIe x16 link at PCIe x16_Slot6 or switching one x16 link to two x8 links when PCIex16_slot4 is occupied with jumper setting)					
	PCI Express x 1 (Gen 2)	2					
	PCI	3					
Ethernet	Interface	10/100/1000 Mbps					
	Controller	GbE LAN1: Intel I217-LM; GbE 2~4: Intel I210-AT					
	Connector	RJ-45 x 2 for G2 version					
Storage		Front-accessible			Internal		
	Slim Optical Drive Bay	1			-		
	3.5" Drive Bay	4 SAS/SATA HDDs (Hot-Swap)			-		
	2.5" Drive Bay	-			1		
Front I/O Interface	USB	2					
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 for G2 version					
	PS/2 KB/mouse	2					
Watchdog Timer	Output	System reset					
	Interval	Programmable 1 ~ 255 sec					
Power Supply	Output Rating	400W ATX					
	Input Voltage	AC 100 ~ 240 V (full range)					
Cooling	Fan	1 (12 cm /74 CFM) + 1 (8 cm/56 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					
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)	482 x 177 x 478 mm (19" x 7.0" x 18.8")					
	Weight	12.5 kg (27.5 lb)					

All product specifications are subject to change without notice

Last updated : 16-Oct-2014

Dimensions

Unit: mm [inch]



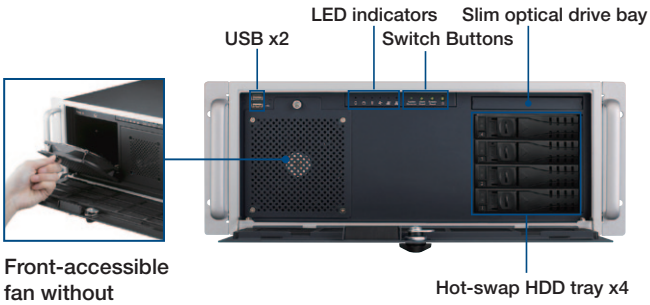
Ordering Information

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

System Content

Item	P/N
Chassis	ACP-4340MB-00XE
Motherboard	ASMB-784G2-00A1E
Power Supply	PS8-400ATX-ZE (ATX, PFC)

Front View



Front-accessible fan without opening top cover

Rear View



*Note: Backplane, SBC, motherboard, and power supply are not included.