

# SYS-4U4020-4S01

**4U Compact Short-depth Intel® Xeon® E3 Server with 2 x PCIe16 (x8 link), 1 PCIe4, 1 PCI Expansion Slots, Front USB 3.0**



## Features

- Intel® C226 Platform
  - Intel® Xeon® E3 V3 processors (LGA1150)
  - DDR3 ECC-REG/ECC/Non-ECC 1600/1333/1066 MHz DIMM up to 32 GB
- Expansion Capability
  - 1 PCI, 1 PCIe4, 2 PCIe16 (x8 link)
  - Two 3.5", One 2.5" HDD Bay and One Slim Optical Drive
  - SATA3.0, USB 3.0, SW RAID 0, 1, 5, 10
- Thoughtful and Management Design
  - Intelligent remote manageability
  - Compact with only 350mm depth
  - Front-accessible system fan
  - 400W 80plus power supply



**susiAccess**  
Remote Device Management

CE FCC

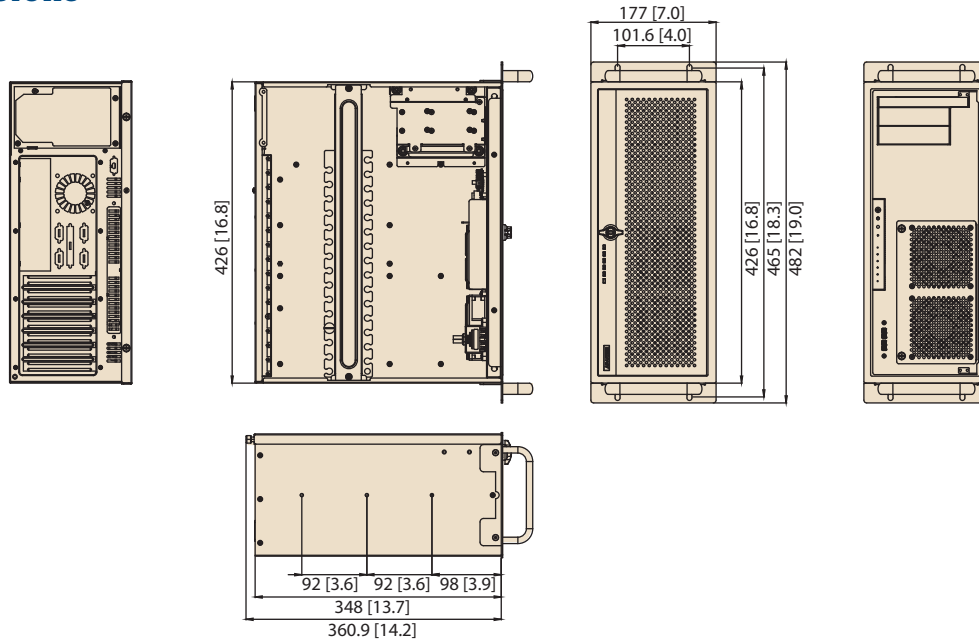


## Specifications

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 (GHz)	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 Unbuffered ECC/Non-ECC 1066/1333/1600 MHz					
	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 32-bit/33 MHz	1 slots					
	PCIe x 4 (Gen2) 2.0 GB/s	1 slots					
	PCIe x8 (Gen3) 8 GB/s	2 slots (x16 slot with x8 link)					
Storage		Front-accessible			Internal		
	Slim Optical Drive Bay	1			-		
	3.5" Drive Bay	2			-		
Front I/O Interface	2.5" Drive Bay	-			1		
	USB	2 (3.0)					
Rear I/O Connectors	External serial port	-					
	External USB port	4 (2 USB 3.0 and 2 USB 2.0)					
	VGA port	1					
	DVI	1					
	Display Port	2					
	RJ-45	2					
	PS/2 KB/mouse	-					
	Audio	2 (Mic-in, Line-out)					
Watchdog Timer	Output	System reset					
	Interval	Programmable 1 ~ 255 sec					
Power Supply	Output Rating	400W					
	Input Voltage	AC 100 ~ 240 V (full range)					
Cooling	Fan	2 (9 cm / 53 CFM)					
	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 348 mm (19" x 7.0" x 13.7")					
	Weight	8.5 kg (18.7 lb)					

## Dimensions

Unit: mm [inch]



## Ordering Information

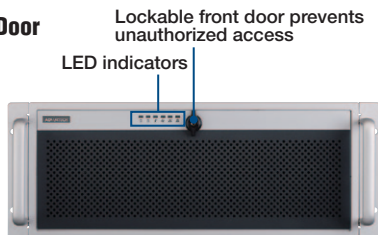
Please visit Advantech eStore for order entry  
<http://buy.advantech.com/>

## System Content

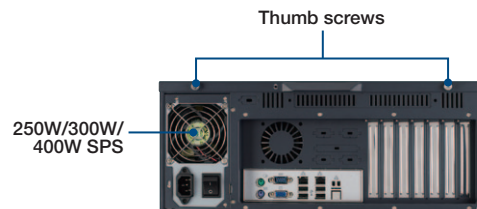
Item	P/N
Chassis	ACP-4020MB-00XE
Motherboard	ASMB-584G2-00A1E
Power Supply	PS8-400ATX-ZE (ATX, PFC)

## Front view

### Closed Front Door



## Rear view



### Open Front Door

