

# SYS-4U4020-4A01

## 4U Compact Rackmount System with 4th Gen Intel® Core™ i Processor, DVI/VGA, DDR3, SATA III, 7 PCI & PCIe Expansions

**NEW**






**Quiet** susiAccess  
Remote Device Management


### Specifications

CE FCC

### Features

- Compact 4U rackmount chassis, with only 348mm depth
- 4th generation Intel® Core™ processor-based platform
- Four DIMM sockets support up to 32 GB DDR3 1333/1600
- 1 PCIe16, 1 PCIe4, 1 PCIe1 and 4 PCI expansion slots
- Shock-resistant disk drive bay holds one internal 2.5", and two front-accessible 3.5" drives, plus one slim optical disk drive
- Front-accessible system fan without opening top cover for easy maintenance
- Supports 300W 80plus Power Supply

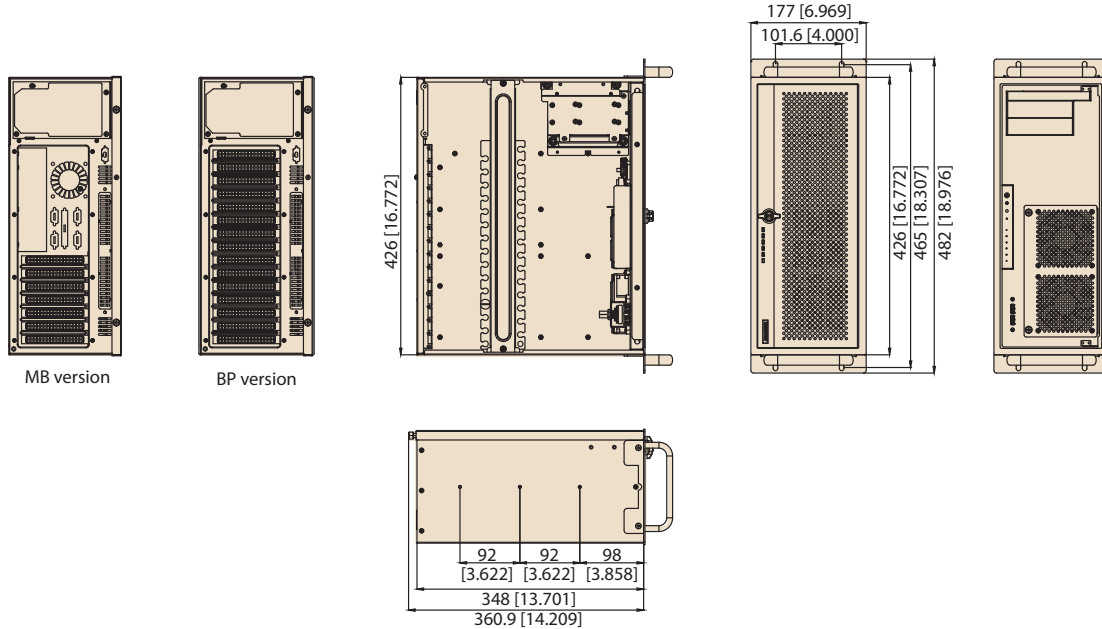
**Software APIs:**   

**Utilities:** 

	CPU	i7-	i7-	i7-	i7-	i5-	i5-	i5-	i5-	i3-	i3-	i3-	i3-	G3420	G3320TE	G1820	G1820TE	
Processor System	CPU	4790S	4790T	4770S	4770TE	4590S	4590T	4570S	4570TE	4360	4350T	4330	4330TE	G3420	G3320TE	G1820	G1820TE	
	Speed	3.2GHz	2.7GHz	3.1GHz	2.3GHz	3.0GHz	2.0GHz	2.9GHz	2.7GHz	3.7GHz	3.1GHz	3.5GHz	2.4GHz	3.2 GHz	2.3 GHz	2.7 GHz	2.2 GHz	
	L3 Cache	8MB	8MB	8MB	8MB	6MB	6MB	6MB	4MB	4MB	4MB	4MB	4MB	3MB	3MB	2MB	2MB	
	Socket	LGA1150																
	Chipset	Q87																
BIOS	AMI 128 Mbit SPI																	
Memory	Technology	Dual Channel DDR3 1333/1600																
	Max. Capacity	32 GB																
	Socket	4 x 240-pin DIMM																
Expansion Slot	PCI	32-bit/33 MHz, 4 slots																
	PCIe x 1 (Gen2)	500 MB/s per direction, 1 slot																
	PCIe x 4 (Gen2)	2.0 GB/s per direction, 1 slot																
	PCIe x16 (Gen3)	16 GB/s per direction, 1 slot																
Graphics	Controller	Intel HD Graphics (Depends on processor)																
	VRAM	1 GB maximum shared memory with 2 GB and above system memory installed																
Drive Bay		External										Internal						
	Slim ODD	1																
	3.5"	2																
	2.5"	-																
Front I/O	USB 3.0*	2																
Intelligent System Module Remote Monitoring	CPU/System fan speed , CPU/System temperature , motherboard voltage (Only selected Advantech MBS/CPU cards with susiAccess installed can fully enable these functions, check with Advantech local rep. for detailed information.) Intelligent System Module Remote Monitoring																	
Power Supply	Output Rating	300W																
	Input Voltage	100 - 240 V AC																
Miscellaneous	LED Indicators	Power, HDD, temperature, fan, LAN1, and LAN2																
	Rear Panel	Backplane version: One 9-pin D-Sub opening Motherboard version: 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																
	Vibration (5 - 500 Hz)	1 Grms										2 G						
	Shock	10 G (with 11 ms duration, half sine wave)																
Watchdog Timer	Output	System reset																
	Interval	Programmable 1 ~ 255 sec																
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

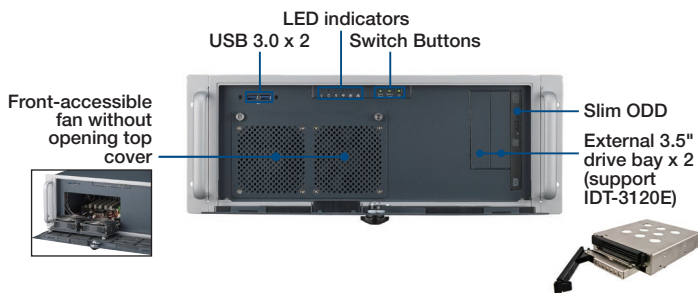
Please visit Advantech eStore for order entry.  
<http://buy.advantech.com/>

## System Content

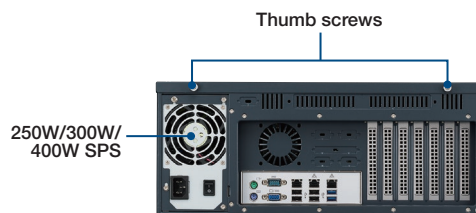
Item	Part Number
Chassis	ACP-4020MB-00XE
Motherboard	AIMB-784G2-00A1E
Power Supply	PS8-300ATX-ZBE (ATX, PFC)

## Front View

### Open Front Door



## Rear View



## Inside View

