

# SYS-4U4020-4H01

**Compact Short-depth 4th Gen Intel® Core™ i7/i5/i3 PICMIC1.3 System with 11 Expansion Slots, Front USB 3.0**



## Features

- Intel® H81 Platform
  - Supports 4th Gen Intel® Core™ i7/i5/i3 processor
  - Dual Channel (Non-ECC) DDR3 1333/1600 up to 16 GB
- Expansion Capability
  - 8 PCI, 2 PCIe1, 1 PCIe16
  - Two 3.5", One 2.5" HDD Bay and One Slim Optical Drive
- Thoughtful and Management Design
  - Intelligent remote manageability
  - Compact with only 350mm depth
  - Front-accessible system fan
  - Smart fan speed control for system fans
  - 300W 80plus power supply

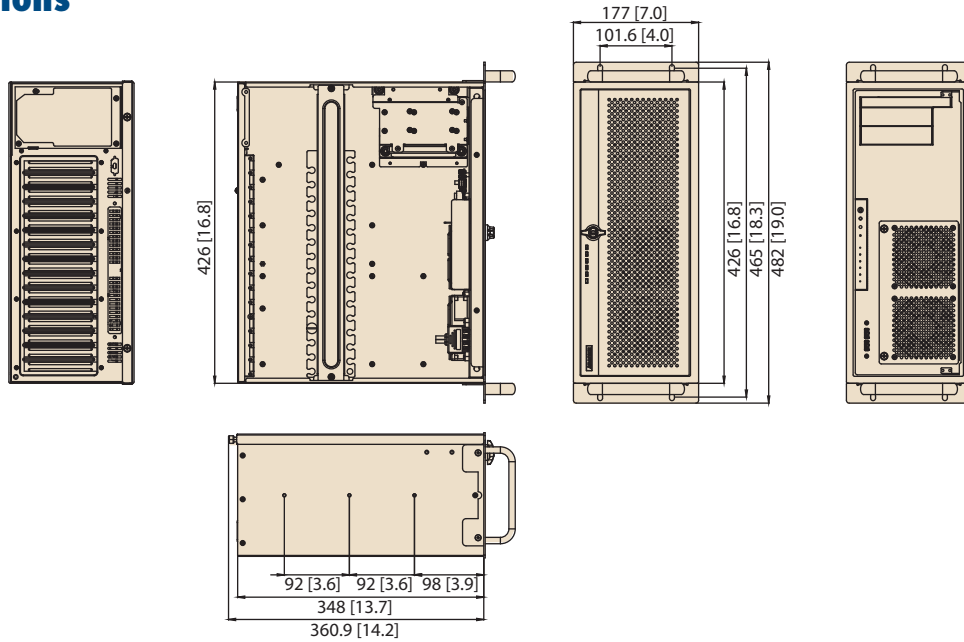


## Specifications

Processor System	CPU	i7-4770S	i7-4770TE	i5-4570S	i5-4570TE	i3-4330	i3-4330TE	G3420	G3220TE	G1820	G1820TE	
	Base Frequency	3.1GHz	2.3GHz	2.9GHz	2.7GHz	3.5GHz	2.4GHz	3.2 GHz	2.3 GHz	2.7 GHz	2.2 GHz	
	L3 Cache	8MB	8MB	6MB	4MB	4MB	4MB	3MB	3MB	2MB	2MB	
	SKU/Chipset	Intel H81										
	BIOS	AMI 128Mbit SPI Flash										
Memory	Technology	Dual channel (Non-ECC) DDR3 1333/1600										
	Max. Cap.	16 GB (8 GB per DIMM)										
	Socket	DDR3 204-pin SO-DIMM x2										
Graphics	Controller	Chipset integrated Intel GT2 4600 or GT1 HD graphics (Depends on CPU support)										
	VRAM	Shared system memory is subject to OS										
	CRT	Supports resolution up to 1920 x 1200 pixel at 60Hz										
	DVI-D	Supports resolution up to 1920 x 1200 pixel at 60Hz										
	Dual Independent Display	VGA+DVI-D										
Expansion Slot	PCI Express x 16	1										
	PCI Express x 1	2										
	PCI	8										
Ethernet	Interface	10/100/1000 Mbps										
	Controller	LAN 1: Intel I217V LAN 2: Intel I211AT										
Storage		Front-accessible					Internal					
	Slim Optical Drive Bay	1					-					
	3.5" Drive Bay	2					-					
	2.5" Drive Bay	-					1					
Front I/O Interface	USB	2 (3.0)										
	USB 2.0	1										
Rear I/O Interface	Ethernet	2										
	VGA	1										
	PS/2	1 (PS/2 Y cable supports 1 x keyboard and 1 x mouse)										
Watchdog Timer	Output	System reset										
	Interval	Programmable 1-255 sec										
Power Supply	Output Rating	300W										
	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	One 9-pin D-Sub opening										
		Operating					Non-Operating					
Environment	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)										
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

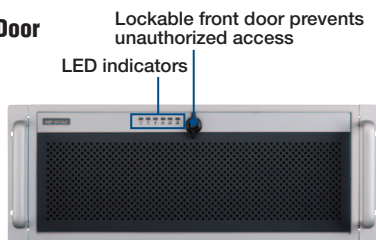
Please visit Advantech eStore for order entry  
<http://buy.advantech.com/>

## System Content

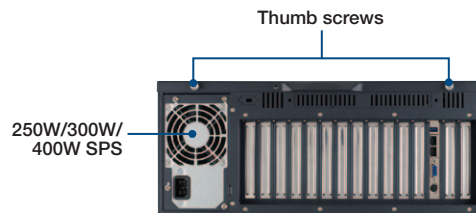
Item	P/N
Chassis	ACP-4020BP-00XE
Motherboard	PCE-3028G2-00A1E
Backplanes	PCE-3B12-08A1E
Power Supply	PS8-300ATX-ZBE (ATX, PFC)

## Front view

### Closed Front Door



## Rear view



### Open Front Door

