

# SYS-4U4000-4F02

3rd Gen Intel® Core™ i7/i5/i3  
4U PICMG1.3 System with  
12 Expansion Slots



## Features

- Intel® Q77 Platform
  - Intel® Core™ i7/i5/i3 CPU (LGA1155)
  - Dual Channel (Non-ECC) DDR3 1333/1600 up to 16 GB
  - Supports USB3.0, SATA3.0, SW Raid 0, 1, 5, 10
- Expansion Capability
  - 8 PCI, 3 PCIe1, 1 PCIe16
  - Three 5.25" ODD and One 3.5" Shock-resistant Drive Bay
- Thoughtful and Management Design
  - Intelligent remote manageability
  - Smart fan control
  - Lockable front door prevents unauthorized access
  - 300W 80 plus power supply



**SUSIAccess**  
Remote Device Management

CE FCC

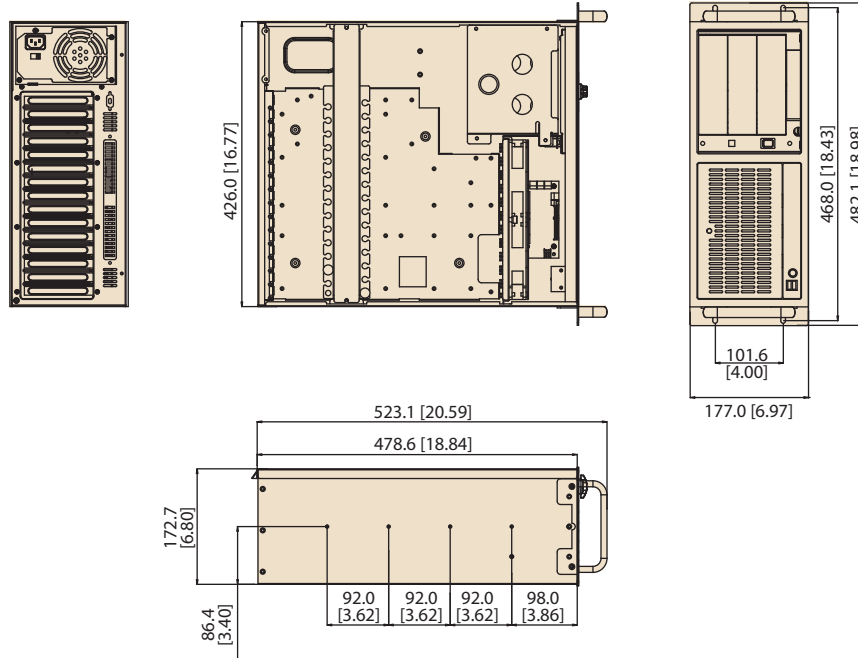


## Specifications

Processor System	CPU	Core i7-3770	Core i5-3550S	Core i3-3220	Pentium G2120	Pentium G850	Celeron G540	
	Base Frequency	3.4 GHz	3.0 GHz	3.3 GHz	3.1 GHz	2.9 GHz	2.5 GHz	
	L3 Cache	8 MB	6 MB	3 MB	3 MB	3 MB	2 MB	
	SKU/Chipset	Intel Q77						
	BIOS	AMI 64Mbit SPI Flash						
Memory	Technology	Dual channel (Non-ECC) DDR3 1333/1600						
	Max. Cap.	16 GB (8 GB per DIMM)						
	Socket	DDR3 240-pin DIMM x 2						
Graphics	Controller	Chipset integrated Intel HD Graphics						
	Video Output	15 Pin VGA D-sub Connector x1/DVI-D connector x1 (Pin Header)						
Expansion Slot	PCI Express x 16	1						
	PCI Express x 1	3						
	PCI	8						
Ethernet	Interface	10/100/1000 Mbps						
	Controller	LAN 1: Intel 82579LM LAN 2: Intel 82583V						
Storage	5.25" HDD Bay	3 Front-accessible						
	3.5" HDD Bay	1 Front-accessible						
Front I/O Interface	USB	2						
	PS/2	1						
Rear I/O Interface	USB	Nine USB2.0 (Pin-header*4+USB Type A*1+ 4 on backplane); Three USB3.0 (Pin-Header*2+Rear*1)						
	Serial	2 x RS-232 Pin-Header						
	Parallel	1 (SPP/EPP/ECP)						
	PS/2	1 (Y cable for mouse and keyboard is included in the package)						
Watchdog Timer	Output	System reset						
	Interval	Programmable 1-255 sec						
Power Supply	Output Rating	300W						
	Input Voltage	100 ~ 240 V <sub>AC</sub>						
Cooling	Fan	2 (12 cm / 85 CFM each)						
	Air Filter	Yes						
Miscellaneous	LED Indicators	Power, HDD, temperature, fan, and power voltage status						
	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						
Environment	Temperature	Operating 0 ~ 40° C (32 ~ 104° F)			Non-Operating -20 ~ 60° C (-4 ~ 140° F)			
	Humidity	10 ~ 85% @ 40° C, non-condensing			10 ~ 95% @ 40° C, non-condensing			
	Vibration (5 ~ 500 Hz)	1 Grms			2 G			
	Shock	10 G (with 11 ms duration, half sine wave)			30 G			
	Dimensions (W x H x D)	482 x 177 x 479 mm (19" x 7" x 18.9")						
Physical Characteristics	Weight	15.2 kg (33.5 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-4000BP-00CE
Motherboard	PCE-5127G2-00A1E
Backplanes	PCE-5B13-08A1E
Power Supply	PS8-300ATX-ZBE (ATX, PFC)

**Front View**

