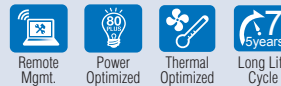


# SYS-4U4000-4F04 4U Intel® Core™ 2 Quad PICMG1.0 System with 11 Expansion Slots



## Features

- Intel® G41+ICH7R Platform
  - Intel® Core™ 2 Quad
  - Dual Channel DDR3 1066 SDRAM up to 8 GB
  - 2 COM ports, 4 SATA ports, 8 USB ports
- Expansion Capability
  - 4 ISA, 1 PCI/ISA, 6 PCI
  - 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

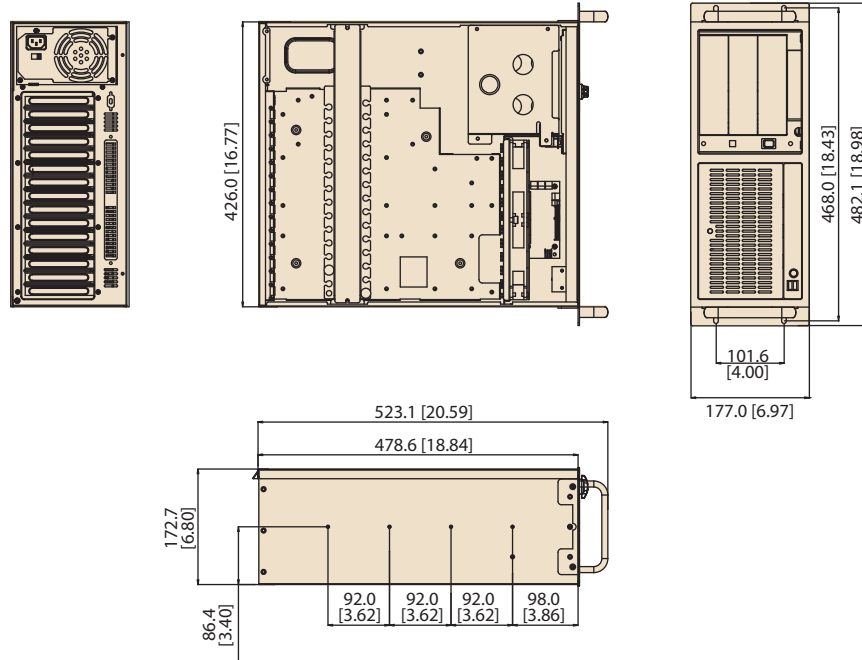


## Specifications

Processor System	CPU (45nm/65nm)	Intel Core 2 Quad	Intel Core 2 Duo	Intel Pentium	Intel Celeron
	Max Speed	Q9650 3.0 GHz	E8500 3.16 GHz	E6500 2.93 GHz	E1500 2.2 GHz
	L2 Cache	12 MB	6 M	8 M	512 KB
	Chipset	Intel G41 + ICH7/ICH7R			
	BIOS	AMI 16 Mb SPI Flash			
	FSB	800/1066/1333 MHz			
Memory	Technology	Dual-channel DDR3 800/1066 MHz DIMMs			
	Max. Cap.	8 GB			
	Socket	240-pin DIMM x 2			
Graphics	Controller	Intel Graphics Media Accelerator X4500			
	Video Output	15-Pin VGA D-sub Connector x1/DVI connector x1 (optional)			
Expansion Slot	PCI	6			
	ISA	4			
	PCI/ISA	1			
Ethernet	Interface	10/100/1000 Mbps			
	Controller	Intel 82583 V			
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 2.0	6 ports by pin header/1 port on bracket I/O			
	Serial	2 RS-232 on board pin-headers, plus for ports of RS-485 with auto-flow control by module (optional, Advantech P/N: PCA-COM485-00A1E)			
	Parallel	1 (EPP/ECP/SPP)			
	FDD	1			
	PS/2	1 (for mouse and keyboard, Y cable is included in the package)			
Watchdog Timer	Output	System reset			
	Interval	Programmable, 1~255 sec/min			
Power Supply	Output Rating	300W			
	Input Voltage	100 ~ 240 V <sub>AC</sub>			
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	
	Physical Characteristics	Dimensions (W x H x D)	482 x 177 x 479 mm (19" x 7" x 18.9")		
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	PCA-6011G2-00A1E
Backplanes	PCA-6114P7-0D3E
Power Supply	PS8-300ATX-ZBE (ATX, PFC)

**Front View**

