

SYS-2U2320-4F01

**3rd Gen Intel® Core™ i7/i5/i3
2U PICMG1.3 System with
5 Expansion Slots**



Features

- Intel® Q77 Platform
 - Intel® Core™ i7/i5/i3 CPU (LGA1150)
 - Dual Channel (Non-ECC) DDR3 1333/1600 up to 16 GB
- Expansion Capability
 - 4 PCI, 1 PCIe16
 - Four 3.5" HDD Bay and One Slim Optical Drive
- Thoughtful and Management Design
 - Intelligent remote manageability
 - Smart fan control
 - Lockable front door prevents unauthorized access
 - 300W power supply

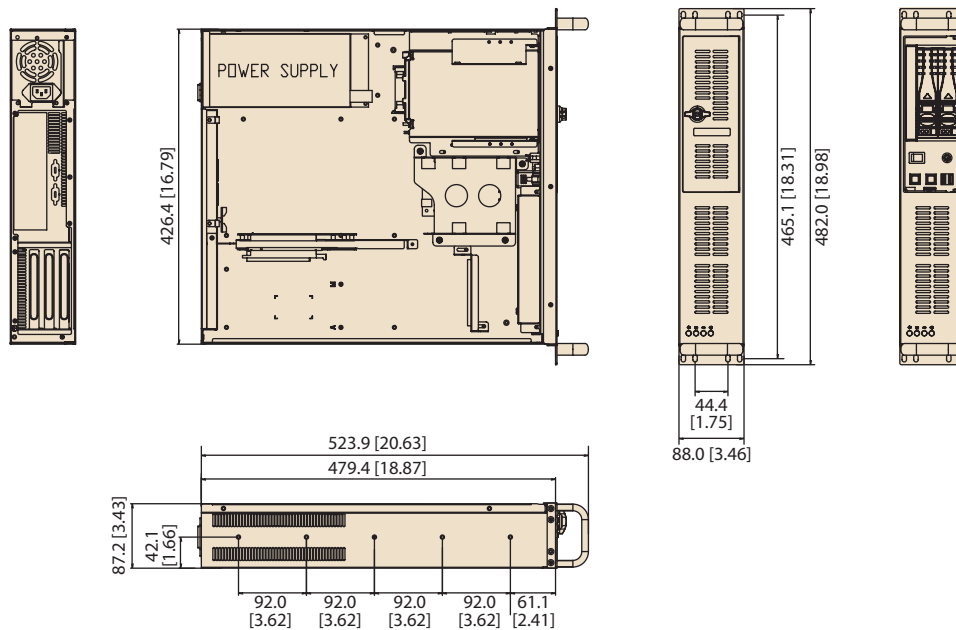


Specifications

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	4					
Ethernet	Interface	10/100/1000 Mbps					
	Controller	LAN 1: Intel 82579LM LAN 2: Intel 82583V					
Storage		Front-accessible				Internal	
	Slim Optical Disk Drive	1				-	
	3.5"	2 (SAS/SATA HDD)				2	
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 _{AC}					
Cooling	Fan	2 (8 cm /47 CFM each) / 2 (8 cm /47 CFM each) + 1 (6 cm /28 CFM) for SAS/SATA storage unit					
	Air Filters	Yes					
Miscellaneous	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)					
	LED Indicators	Power, HDD, temperature, fan					
	Rear Panel	Two 9-pin D-Sub openings					
Environment		Operating				Non-operating	
	Temperature	0 ~ 40° C (32 ~ 104° F)				-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 88 x 480 mm (19" x 3.46" x 18.9")					
	Weight	10.7 kg (23.5 lb) / 11.7 kg (25.7 lb)					

Dimensions

Unit: mm [inch]



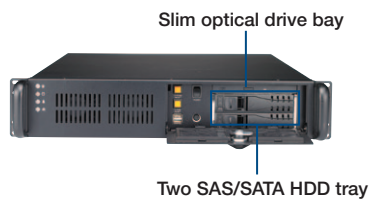
Ordering Information

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

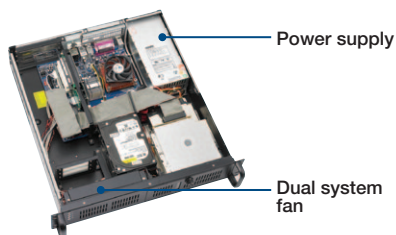
System Content

Item	P/N
Chassis	ACP-2320BP-00XBE
Motherboard	PCE-5127G2-00A1E
Riser Card	PCE-5B06V-04A1E
Power Supply	1757000007G (ATX, PFC)

Front View



Inside View



Rear View

Rear I/O bracket for low profile add-on cards

