

# SYS-7W7220-4A02

Intel® Core™ 2 Quad  
ATX Desktop System  
with Front Drive Bays



## Features

- **Intel Q35 platform**
  - Supports dual core and quad core processors with 45 nm processing
  - Supports dual channel DDR2 667/800 SDRAM up to 8 GB
- **Expandability**
  - Supports one PCIe x 16, four PCI and two PCIe x 1 add-on cards
  - Great scalability with one 3.5" and two 5.25" front-accessible drive bays
  - Versatile power supply options with support for redundant PSU
- **User friendly and alarm notification**
  - Front LED indicators for the system power, fan, HDD and in-chassis temperature

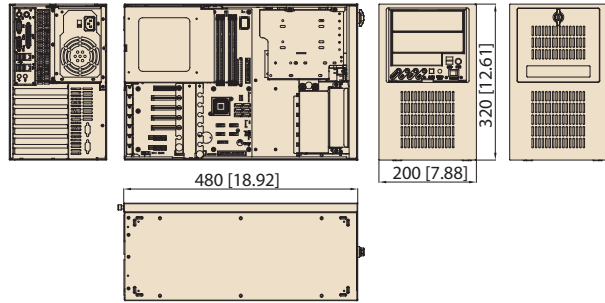


## Specifications

Form Factor	Wallmount / Desktop				
Processor System	Chipset	Intel Q35 + ICH9			
	CPU	Core 2 Quad	Core 2 Duo	Pentium Dual Core	Celeron
		2.83 GHz	3.16 GHz	2.2 GHz	2.0 GHz
	L2 Cache	12 MB	6 MB	1 MB	512 KB
	Front Side Bus	800/1066/1333 MHz			
Graphics	Memory	Dual channel DDR2 667/800 MHZ up to 8 GB			
	Controller	Intel GMA3100 integrated			
	VRAM	Dynamically shared system memory up to 256 MB			
Expansion Slot	PCIe x 16	1			
	PCIe x 1	2			
	PCI	4			
Storage	Optical Drive (supported)	CD-ROM / DVD-ROM / CD-RW			
	Floppy Disk (supported)	3.5" 1.44 MB FDD			
	HDD (supported)	SATA			
Drive Bay	5.25" (front-accessible)	2			
	3.5" (front-accessible)	1			
	3.5" (internal)	1			
Ethernet	Interface	10/100/1000 Mbps Gigabit Ethernet			
	Controller	Intel 82573L, 82566DM			
Front I/O Interface	USB	2			
	PS/2	1			
Rear I/O Interface	USB	4			
	PS/2	2			
	COM	2			
	VGA	1			
	Parallel	1			
	RJ-45	2			
	Audio	2 (Mic-in, Line-Out)			
Operating System	Microsoft Windows 2000/ XP/ Vista				
Power Supply	Power Output Wattage	400 W			
	Input Range	AC 100 ~ 240 V			
Cooling	Chassis Fan	1 (12 cm / 85 CFM)			
	Air Filter	Yes			
Miscellaneous	LED Indicators	Power, HDD activity, temperature and fan			
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	
Physical Characteristics	Color	Beige			
	Dimensions (W x H x D)	200 x 320 x 480 mm (7.9" x 12.6" x 18.9")			
	Weight	14 kg (30.8 lb)			

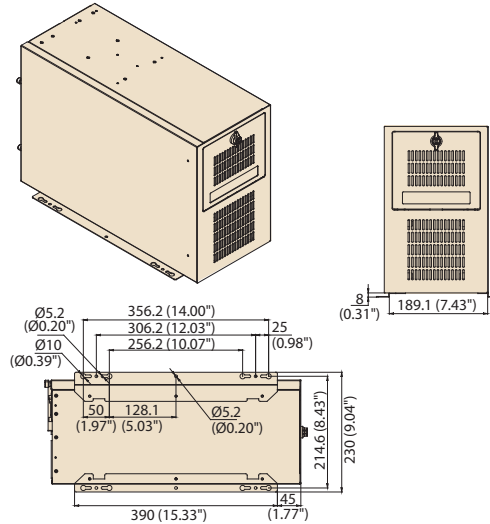
**Dimensions**

Unit: mm (inch)



**Installation**

Unit: mm (inch)



**Ordering Information**

Please visit Advantech CTOS portal for order entry.  
<http://www.advantech.com/ctos>

**System Content**

Item	Part Number
Chassis	IPC-7220-00XE
Motherboard	AIMB-766G2-00A1E
CPU Cooler	1750000332
Power Supply	PS-400ATX-ZBE

