SYS-7W7220-4A01

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

Features

- **Intel Q965 Platform**
  - Supports Intel® Core™ 2 Duo processor up to 2.66 GHz (LGA 775)
  - Supports dual channel DDR2 SDRAM up to 8 GB
- **Expandability**
  - Supports one PCIe x16, one PCIe x4 and five PCI 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**
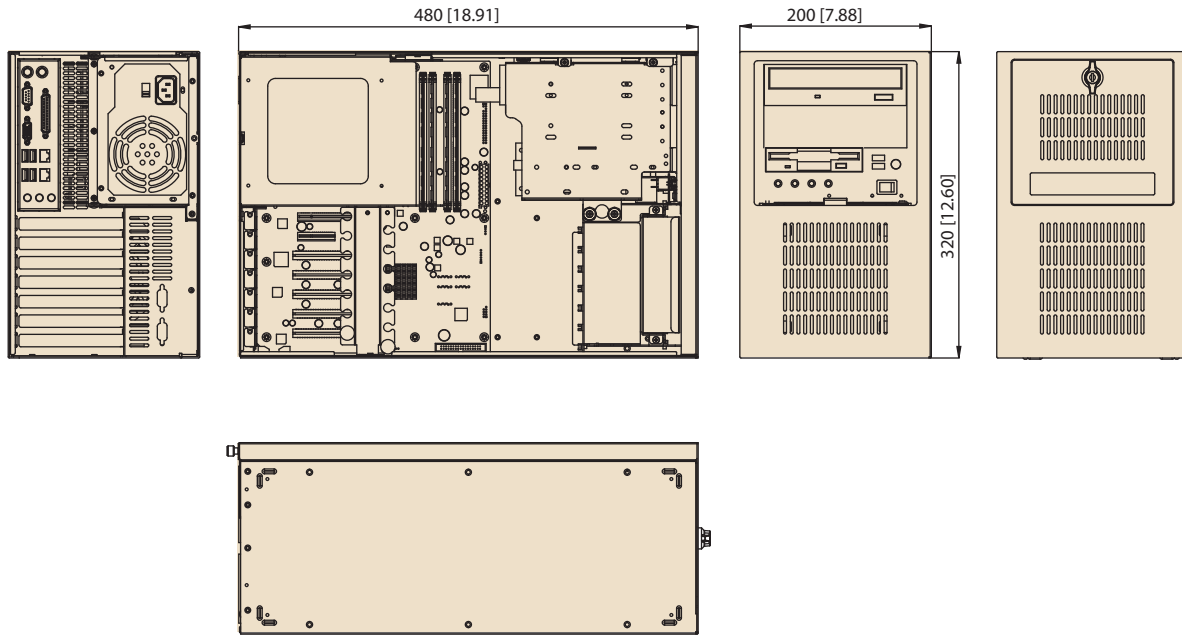 - Front LED indicators for the system power, fan, HDD and in-chassis temperature

Specifications

Form Factor		Wallmount	
Computing System	Chipset	Intel Q965 + ICH8DO	
	CPU	Supports Intel Core 2 Duo processor up to 2.66 GHz; Pentium D up to 3.6 GHz (LGA775)	
	Front Side Bus	800/1066 MHz	
	L2 Cache	2 / 4 MB	
	Memory	DDR2 533/667/800 MHz SDRAM up to 8 GB (dual channel)	
Graphics	Controller	Intel Q965 Integrated	
	VRAM	Dynamically shared system memory up to 256 MB	
Expansion Slot	PCI	5 x 32-bit	
	PCIe x4	1	
	PCIe x16	1	
Storage	Optical Drive (support)	CD-ROM / DVD-ROM / CD-RW	
	Floppy Disk (support)	3.5" 1.44 MB FDD	
	HDD (support)	SATA (supports software RAID 0, 1, 5, 10)	
Drive Bay	5.25" (front-accessible)	2	
	3.5" (front-accessible)	1	
	3.5" (internal)	1	
Ethernet	Interface	10/100/1000Base-T Gigabit Ethernet	
	Controller	Intel 82573L, 82566DM	
Front I/O Ports	USB	2	
	PS/2	1	
Rear I/O Ports	USB	4	
	PS/2	2	
	COM	2	
	VGA	1	
	Parallel	1	
	RJ-45	2	
	Audio	2 (Mic-in, Line-out)	
Operating System		Microsoft Windows XP	
Power Supply	Power Output Wattage	400 W	
	Input Range	AC 100 ~ 240 V	
Cooling	Chassis Fan	1	
	Air Filter	Yes	
Miscellaneous	Notification LEDs	Power status, 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)

480 [18.91]

200 [7.88]

320 [12.60]

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/SBC	AIMB-764G2-00A1E
Power Supply	PS-400ATX-ZBE

Hold down clamp

Easy-to-maintain power supply bracket design

Easy-to-replace cooling fan

Two 5.25" drive bays

One 3.5" drive bay

USB

PS/2

Power LED

Power switch

Fan LED

System reset switch

Temp LED

Alarm reset switch

HDD LED

One internal 3.5" HDD

Easy-to-replace fan filter