

# SYS-4U610-4S01

Performance Intel® Core™ 2  
Duo 4U SBC System with 10  
PCI & 2 ISA Slots



## 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 up to 10 PCI and 2 ISA add-on cards
  - Provides great scalability with 3.5" and 5.25" drive bays
- **Significant Industrial Features**
  - Versatile power supply options
  - Dual system fans for better ventilation

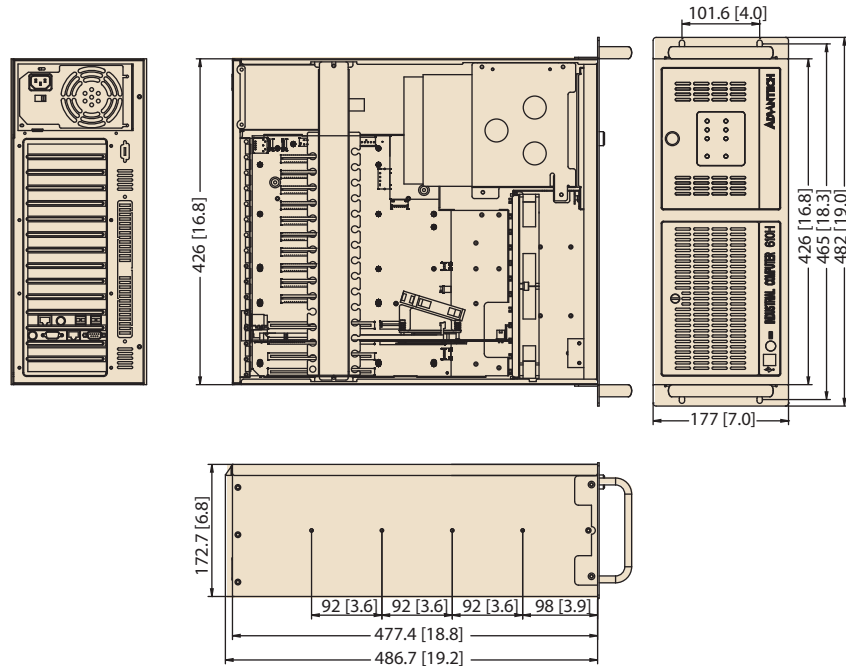


## Specifications

Form Factor	4U Rackmount	
Computing System	Chipset	Intel Q965 + ICH8DO
	CPU	Supports Intel Core 2 Duo processor up to 2.66 GHz (LGA 775)
	Front Side Bus	800 / 1066 MHz
	L2 Cache	2 / 4 MB
Graphics	Memory	DDR2 533/667/800 SDRAM up to 8 GB (dual channel)
	Controller	Intel Q965 Integrated
	VRAM	Dynamically shared system memory up to 256 MB
Expansion Slot	ISA	2
	PCI	10 x 32-bit
Storage	Optical Drive (support)	CD-ROM / DVD-ROM / CD-RW
	Floppy Disk (support)	3.5" 1.44 MB FDD
	HDD (support)	SATA
Drive Bay	5.25" (front-accessible)	3
	3.5" (front-accessible)	1
Ethernet	Interface	10/100/1000Base-T Gigabit Ethernet
	Controller	Intel 82566DM
Front I/O Ports	USB	2
	PS/2	1
Rear I/O Ports	USB	4
	PS/2	1
	COM	2
	VGA	1
	Parallel	1
RJ-45	1	
Operating System	Microsoft Windows XP	
Watchdog Timer	Output	System Reset
	Interval	Programmable 1 ~ 255 sec
Power Supply	Power Output Wattage	400 W
	Input Range	AC 100 ~ 240 V
Cooling	Chassis Fan	2
	Air Filter	Yes
Miscellaneous	Notification LEDs	Power status and HDD activity
Environment	Operating	
	Temperature	0 ~ 40° C (32 ~ 104° F)
	Humidity	10 ~ 85% @ 40° C non-condensing
Physical Characteristics	Non-Operating	
	Temperature	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 95% @ 40° C non-condensing
Physical Characteristics	Color	Beige
	Dimensions (W x H x D)	482 x 177 x 478 mm (19" x 7" x 18.8")
	Weight	20 kg (44 lb)

## Dimensions

Unit: mm (inch)



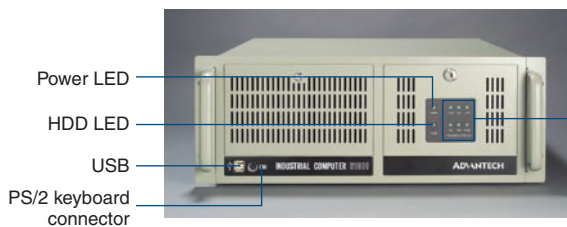
## Ordering Information

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

## System Content

Item	Part Number
Chassis	IPC-610BP-00XHE
SBC	PCA-6194VG-00A1E
Backplane	PCA-6114P10-0B2E
Power Supply	PS-400ATX-ZBE

## Front View



Power status

System reset switch  
 Power switch

