

# SYS-4U510-4A01

4U Intel® Core™ 2 Duo  
ATX System with Front  
HDD Bays & PCIe x16 Slot



## Features

- **Intel® Q965 Platform**
  - Supports Intel® Core™ 2 Duo processor up to 2.66 GHz (LGA 775)
  - Supports dual channel DDR2 SDRAM up to 4 GB
- **Easy Storage Options**
  - Front accessible drive bays for three 5.25" and one 3.5" drives
- **Expandability**
  - Offers one PCIe x16 slot for graphics expansion
  - Supports one PCIe x1 & up to five PCI add-on cards
  - Front-accessible USB and PS/2 connectors

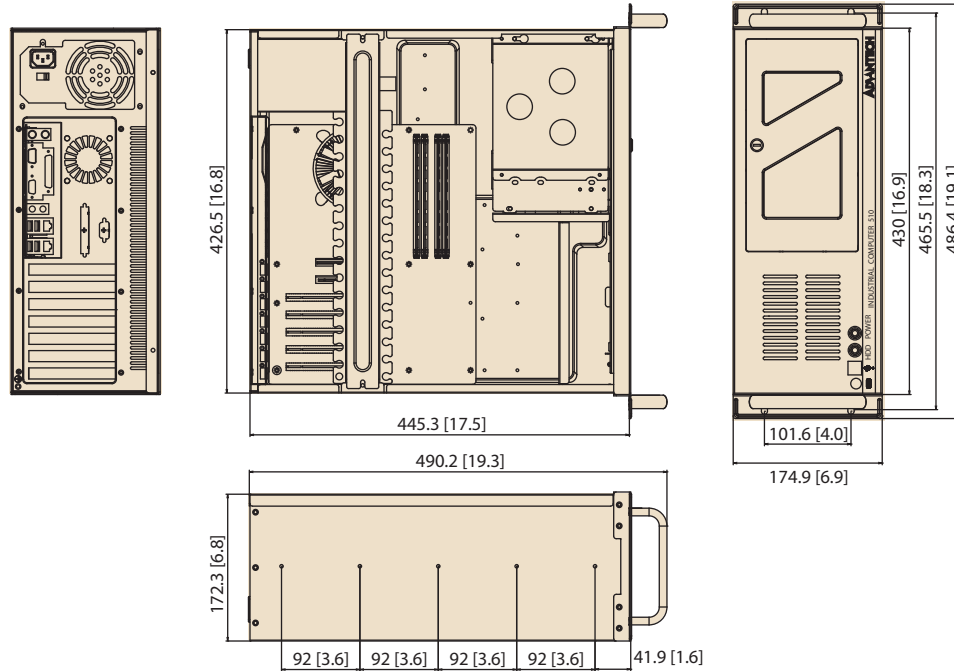


## Specifications

Form Factor	4U Rackmount	
Computing System	Chipset	Intel 945G + ICH7
	CPU	Supports Intel Core 2 Duo processor up to 2.66 GHz; Pentium D up to 3.06 GHz (LGA775)
	Front Side Bus	533/800/1066 MHz
	L2 Cache	1 / 2 / 4 MB
	Memory	DDR2 533/667 MHz SDRAM up to 4 GB (dual channel)
Graphics	Controller	Intel 945G Integrated
	VRAM	Dynamically shared system memory up to 224 MB
Expansion Slot	PCI	5 x 32-bit
	PCIe x1	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
Drive Bay	5.25" (front-accessible)	3
	3.5" (front-accessible)	1
	3.5" (internal)	1
Ethernet	Interface	10/100/1000Base-T Gigabit Ethernet
	Controller	Intel 82573
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	1
	Audio	3 (Mic-in, Line-in, Line-out)
Operating System	Microsoft Windows XP	
Watchdog Timer	Output	Interrupt, System Reset
	Interval	Programmable 1 ~ 255 sec
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 and HDD activity
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
	Color	Beige
Physical Characteristics	Dimensions (W x H x D)	482 x 177 x 450 mm (19" x 7" x 17.7")
	Weight	16 kg (35.2 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-510MB-00XBE
Motherboard	AIMB-763VG-00A1E
Power Supply	PS-400ATX-ZBE

## Front View

