

SYS-2U2000-4S02

Intel® Core™ 2 Duo
2U SBC System with
Four 32-bit PCI 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 four PCI add-on cards
 - Optional optical drive and floppy drive
- **Flexibility**
 - Provides redundant power supply options
- **Density-optimized solution with only 450 mm depth**

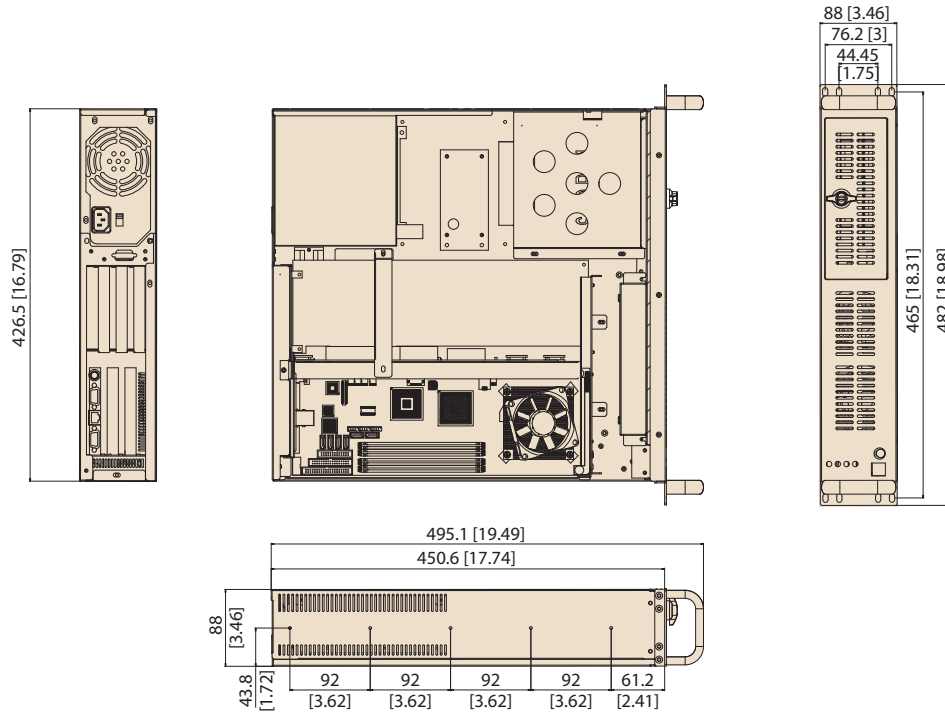


Specifications

Form Factor	2U Rackmount						
Processor System	Chipset	Intel Q965 + ICH8DO					
	CPU	Intel Core 2 Duo	Pentium Dual Core	Celeron 400 Sequence	Pentium D	Pentium 4	Celeron D
		2.66 GHz	2 GHz	2 GHz	3.6 GHz	3.8 GHz	3.33 GHz
	L2 Cache	4 MB	1 MB	512 KB	2 MB + 2 MB	2 MB	512 KB
	Front Side Bus	533/800/1066 MHz					
Graphics	Memory	Dual channel DDR2 533/667/800 SDRAM up to 8 GB					
	Controller	Intel Q965 integrated					
	VRAM	Dynamically shared system memory up to 256 MB					
Expansion Slot	PCI	4 x 32-bit					
Storage	Optical Drive (supported)	Slim DVD-ROM / CD-RW / CD-ROM					
	Floppy Disk (supported)	3.5" 1.44 MB FDD					
	HDD (supported)	SATA					
Drive Bay	Slim ODD Bay	1					
	3.5" (front-accessible)	2					
Ethernet	Interface	10/100/1000 Mbps Gigabit Ethernet					
	Controller	Intel 82566DM					
Front I/O Interface	USB	2					
	PS/2	1					
Rear I/O Interface	USB	4					
	PS/2	1					
	COM	2					
	VGA	1					
	Parallel	1					
	RJ-45	1					
Operating System	Microsoft Windows 2000/ XP/ Vista						
Watchdog Timer	Output	System Reset					
	Interval	Programmable 1 ~ 255 seconds					
Power Supply	Power Output Wattage	300 W					
	Input Range	AC 100 ~ 240 V					
Cooling	Chassis Fan	2 (8 cm / 47 CFM each)					
	Air Filter	Yes					
Miscellaneous	LED Indicators	Power status, HDD activity, temperature and fan					
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		
Physical Characteristics	Dimensions (W x H x D)	482 x 88 x 450 mm (19" x 3.5" x 17.7")					
	Weight	15 kg (33 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	ACP-2000P4-00XE
SBC	PCA-6194G2-00A1E
Backplane	Included in chassis
CPU Cooler	1750000332
Power Supply	PS-300ATX-ZBE

Front View



Inside View

