

SYS-2U2320-4U01

**Intel® Core™ 2 Duo
2U Micro-ATX System with
One PCIe x16 & Two 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
- **RAID ready platform**
 - Dual easy-to-access SATA HDD trays
 - Optional optical drive and reserved space for 2 internal HDDs
- **Expandability**
 - Supports one PCIe x16 and two PCI add-on cards with optional riser card kit

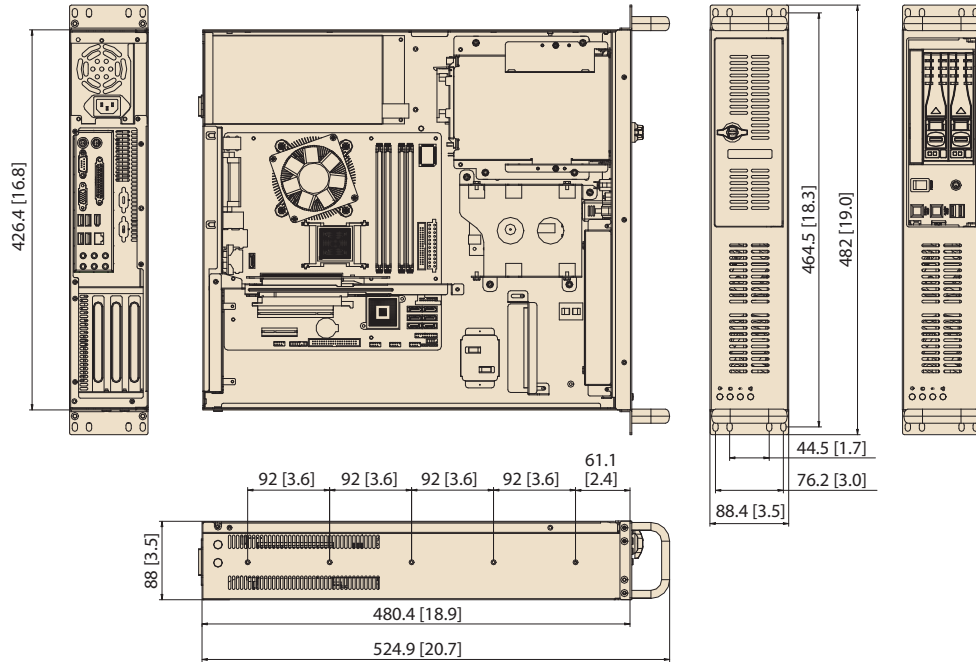


Specifications

Form Factor	2U Rackmount					
Processor System	Chipset	Intel Q965 + ICH8DO				
	CPU	Intel Core 2 Quad	Core 2 Duo	Pentium Dual Core	Pentium 4	Celeron D
		2.66 GHz	2.66 GHz	2.2 GHz	3.8 GHz	3.6 GHz
	L2 Cache	8 MB	4 MB	1 MB	2 MB / 1 MB	512 KB
	Front Side Bus	533/800/1066 MHz				
Memory	Dual channel DDR2 533/667/800 SDRAM up to 8 GB					
Graphics	Controller	Intel Q965 integrated				
	VRAM	Dynamically shared system memory up to 256 MB				
Expansion Slot	PCIe x16	1				
	PCI	2 x 32-bit				
Storage	Optical Drive (supported)	Slim DVD-ROM / CD-RW / CD-ROM				
	HDD (supported)	SATA				
Drive Bay	Slim ODD Bay	1				
	3.5" (front-accessible)	2				
	3.5" (internal)	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	2				
	COM	1				
	VGA	1				
	Parallel	1				
	RJ-45	1				
	Audio	3 (Mic-in, Line-In, Line-Out)				
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) + 1 (6 cm / 28 CFM)				
	Air Filter	Yes				
Miscellaneous	LED Indicators	Power status, HDD activity, temperature and fan				
Environment	Temperature	Operating			Non-Operating	
		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	Dimensions (W x H x D)	482 x 88 x 480 mm (19" x 3.5" x 18.9")				
	Weight	16 kg (35 lb)				

Dimensions

Unit: mm (inch)



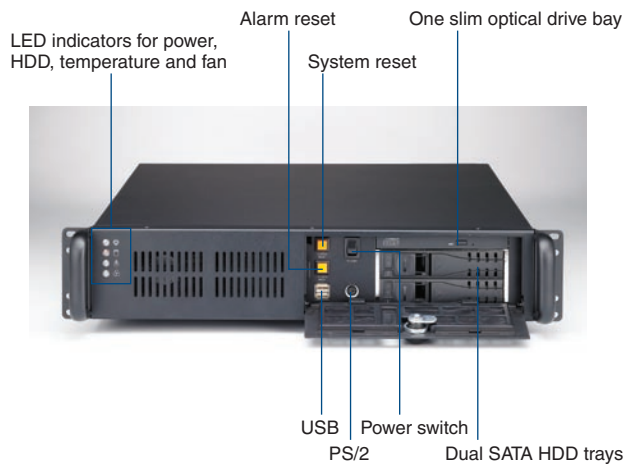
Ordering Information

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

System Content

Item	Part Number
Chassis	ACP-2320MBO-00XBE
Motherboard	AIMB-564VG-00A1E
Riser Card	AIMB-RP3PF-21A1E
CPU Cooler	1960022033T000
Power Supply	1757000105G

Front View



Rear View

