

SYS-4U4320-4A02

SYS-4U4320-4S02

4U Intel® Core™ 2 Quad ATX/SBC
System with Dual SATA HDD Trays



Features

- **Intel Q35 platform**
 - Supports quad core and duo core processors with 45 nm processing
 - Supports dual channel DDR2 667/800 SDRAM up to 8 GB
 - Dual integrated GbE delivers excellent network performance
- **Easy data mirroring**
 - Supports two SATAII HDD mobile racks for data mirroring
- **Expandability**
 - Supports numerous PCI/PCIe add-on cards
 - Great scalability with one 3.5" and three 5.25" front-accessible drive bays
- **Supports performance graphics card via PCIe x 16 slot**



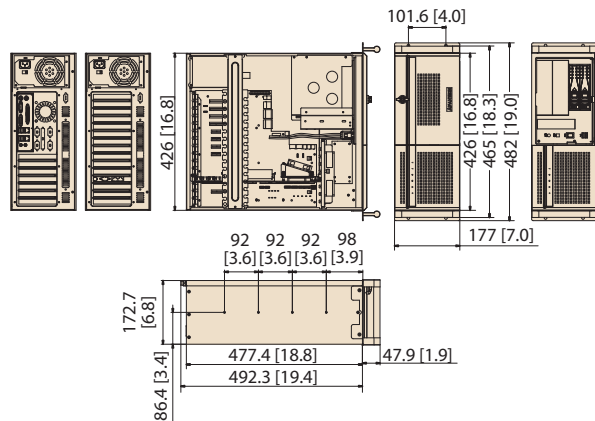
Specifications

Model		SYS-4U4320-4A02				SYS-4U4320-4S02			
Form Factor		4U Rackmount				4U Rackmount			
Processor System	Chipset	Intel Q35 + ICH9				Intel Q35 + ICH9			
	CPU	Core 2 Quad	Core 2 Duo	Pentium Dual Core	Celeron 2.0 GHz	Core 2 Quad	Core 2 Duo	Pentium Dual-Core	Celeron Sequence
		2.83 GHz	3.16 GHz	2.2 GHz		2.83 GHz	3.16 GHz	2.40 GHz	400 2 GHz
	L2 Cache	12 MB	6 MB	1 MB	512 KB	12 MB	6 MB	1 MB	512 KB
	Front Side Bus	800/1066/1333 MHz				800/1066/1333 MHz			
Graphics	Memory	Dual channel DDR2 667/800 MHz up to 8 GB				Dual channel DDR2 667/800 MHz SDRAM up to 8 GB			
	Controller	Intel GMA3100 integrated				Intel GMA3100 integrated			
	VRAM	Dynamically shared system memory up to 256 MB				Dynamically shared system memory up to 256 MB			
Expansion Slot	PCIe x 16	1				1			
	PCIe x 1	2				4			
	PCI	4				4			
Storage	Optical Drive (supported)	CD-ROM / DVD-ROM / CD-RW				CD-ROM / DVD-ROM / CD-RW			
	Floppy Disk (supported)	3.5" 1.44 MB FDD				3.5" 1.44 MB FDD			
	HDD (supported)	SATA				SATA			
Drive Bay	5.25" (front-accessible)	2				2			
	3.5" (front-accessible)	1				1			
	3.5" (mobile rack)	2				2			
Ethernet	Interface	10/100/1000 Mbps Gigabit Ethernet				10/100/1000 Mbps Gigabit Ethernet			
	Controller	Intel 82566DM, 82573V				Intel 82566DM, 82573V			
Front I/O Interface	USB	2				2			
Rear I/O Interface	USB	4				4			
	PS/2	2				1			
	COM	4				2 ~ 6			
	VGA	1				1			
	Parallel	1				1			
	RJ-45	2				2			
	Audio	2 (Mic-in, Line-out)				-			
Operating System		Microsoft Windows 2000/ XP/ Vista				Microsoft Windows 2000/ XP/ Vista			
Watchdog Timer	Output	System reset				System reset			
	Interval	Programmable 1 ~ 255 seconds				Programmable 1 ~ 255 seconds			
Power Supply	Power Output Wattage	400 W				400 W			
	Input Range	AC 100 ~ 240 V				AC 100 ~ 240 V			
Cooling	Chassis Fan	2 (12 cm / 114 CFM + 6 cm / 28 CFM)				2 (12 cm / 114 CFM + 6 cm / 28 CFM)			
	Air Filter	Yes				Yes			
Miscellaneous	LED Indicators	Power, HDD activity, temperature, fan and LAN connectivity				Power, HDD activity, temperature, fan and LAN connectivity			
Environment		Operating		Non- Operating		Operating		Non- Operating	
	Temperature	0 ~ 40° C (32 ~ 104° F)		-20 ~ 60° C (-4 ~ 140° F)		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		10 ~ 85% @ 40° C non-condensing		10 ~ 95% @ 40° C non-condensing	
Physical Characteristics	Dimensions (W x H x D)	482 x 177 x 478 mm (19" x 7" x 18.8")				482 x 177 x 478 mm (19" x 7" x 18.8")			
	Weight	20 kg (44 lb)				20 kg (44 lb)			

SYS-4U4320-4A02 SYS-4U4320-4S02

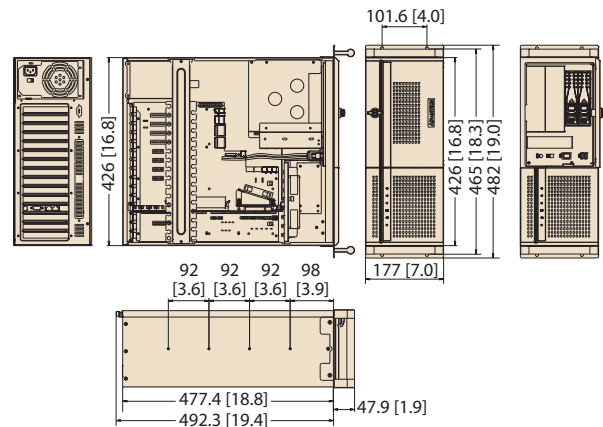
Dimensions

SYS-4U4320-4A02



SYS-4U4320-4S02

Unit: mm (inch)



Ordering Information

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

System Content

Model Number	Item	Part Number
SYS-4U4320-4A02	Chassis	ACP-4320MB-00XE
	Motherboard	AlMB-766G2-00A1E
	CPU Cooler	19600022033T000
	Power Supply	PS-400ATX-ZBE
SYS-4U4320-4S02	Chassis	ACP-4320BP-00XE
	SBC	PCE-5124G2-00A1E
	Backplane	PCE-5B10-04A1E
	CPU Cooler	1750000332
	Power Supply	PS-400ATX-ZBE
	Optional Accessories	1701092300 (Dual COM port cable kit for COM 1-2)
		1700008762 (Dual COM ports cable kit for COM 3-4 and COM 5-6)

Front View



Inside View

