

SYS-1U1320-4A02

**1U Intel® Core™ 2 Quad
ATX System with
Two SATA HDD Trays**

NEW



Features

- **Intel Q35 platform**
 - Supports dual core and quad core processors with 45 nm processing
 - Supports dual channel DDR2 667/800 SDRAM up to 8 GB
- **Expandability**
 - Supports dual front-accessible SATA HDDs
 - Supports one PCI expansion card
 - Optional slim optical drive and supports 3.5" drive bay
- **Efficient cooling design delivers exceptional ventilation for compact 1U system**

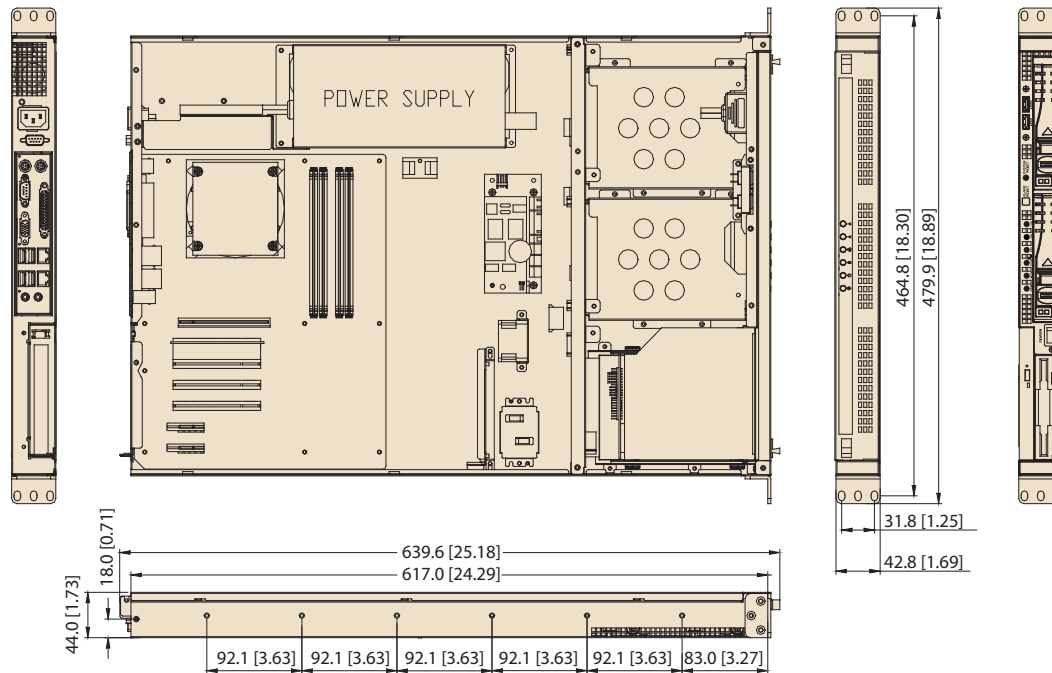


Specifications

Form Factor		1U Rackmount			
Processor System	Chipset	Intel Q35 + ICH9			
	CPU	Core 2 Quad 2.83 GHz	Core 2 Duo 3.16 GHz	Pentium Dual Core 2.2 GHz	Celeron 2.0 GHz
	L2 Cache	12 MB	6 MB	1 MB	512 KB
	Front Side Bus	800/1066/1333 MHz			
	Memory	Dual channel DDR2 667/800 MHZ up to 8 GB			
Graphics	Controller	Intel GMA3100 integrated			
	VRAM	Dynamically shared system memory up to 256 MB			
Expansion Slot	PCI	1			
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 SATA HDDs + 1			
Ethernet	Interface	10/100/1000 Mbps Gigabit Ethernet			
	Controller	Intel 82573L, 82566DM			
Front I/O Interface	USB	2			
Rear I/O Interface	USB	4			
	PS/2	2			
	COM	2			
	VGA	1			
	Parallel	1			
	RJ-45	2			
	Audio	2 (Mic-in, Line-Out)			
Operating System		Microsoft Windows 2000/ XP/ Vista			
Power Supply	Power Output Wattage	300 W			
	Input Range	AC 100 ~ 240 V			
Cooling	Chassis Fan	2 (4 cm / 24 CFM each)			
Miscellaneous	LED Indicators	Power, HDD activity, temperature, fan, LAN1 and LAN2			
Environment		Operating		Non-Operating	
	Temperature	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)	480 x 44 x 620 mm (19" x 1.7" x 24.3")			
	Weight	10 kg (22 lb)			

Dimensions

Unit: mm (inch)



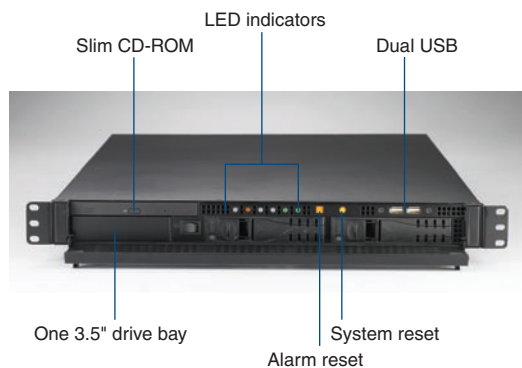
Ordering Information

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

System Content

Item	Part Number
Chassis	ACP-1320MB0-30ZE
Motherboard	AIMB-766G2-00A1E
CPU Cooler	1960013266T000
Riser Card	AIMB-RP10P-01A1E

Front View



Dual front-accessible
SATA HDD trays