

# SYS-1U1320-4A01

1U Intel® Core™ 2 ATX System with One PCIe x4 Slot & Two SATA Trays

**NEW**



## Features

- **1U compact-sized industrial-grade rackmount chassis**
- **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 dual front-accessible SATA HDDs
  - Supports one PCIe x4 expansion card
  - Optional slim optical drive and supports 3.5" drive bay
- **Efficient cooling design delivers exceptional ventilation for compact 1U system**

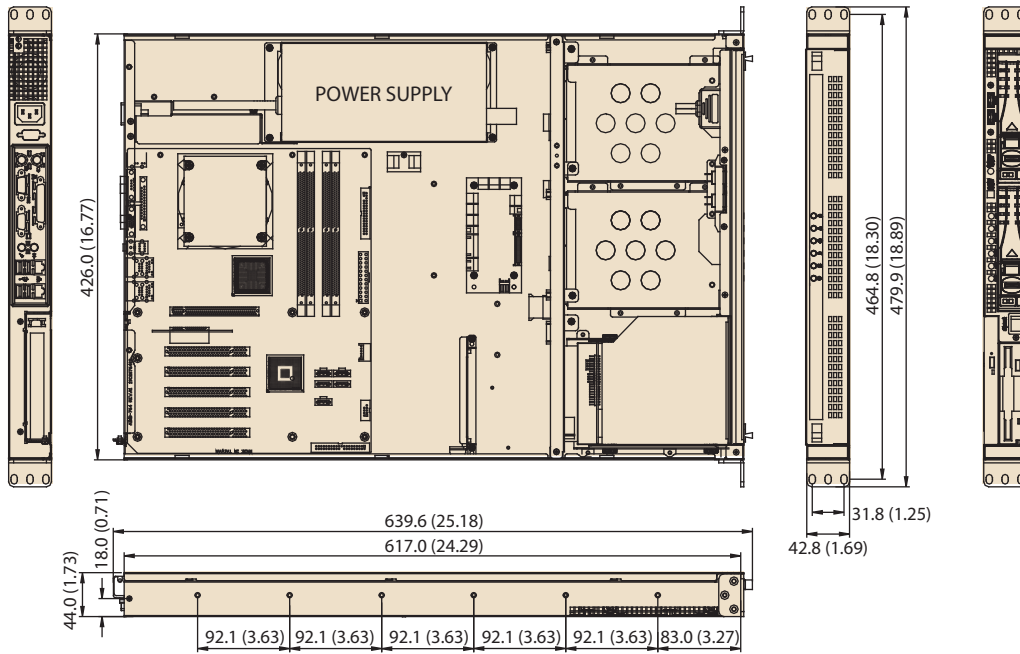


## Specifications

Form Factor		1U Rackmount	
Computing System	Chipset	Intel Q965 + ICH8DO	
	CPU	Supports Intel Core 2 Duo processor up to 2.66 GHz	
	Front Side Bus	800 / 1066 MHz	
	L2 Cache	2 / 4 MB	
	Memory	DDR2 533/667/800 MHz SDRAM up to 8 GB (dual channel)	
Graphics	Controller	Intel Q965 Integrated	
	VRAM	Dynamically shared system memory up to 256 MB	
Expansion Slot	PCIe x4	1	
Storage	Optical Drive (support)	Slim DVD-ROM / CD-RW / CD-ROM	
	Floppy Disk (support)	3.5" 1.44 MB FDD	
	HDD (support)	SATA (supports software RAID 0, 1, 5)	
Drive Bay	Slim ODD Bay	1	
	3.5" (front-accessible)	2 SATA HDDs + 1	
Ethernet	Interface	10/100/1000Base-T Gigabit Ethernet	
	Controller	Intel 82573L, 82566DM	
Front I/O Ports	USB	2	
Rear I/O Ports	USB	4	
	PS/2	2	
	COM	2	
	VGA	1	
	Parallel	1	
	RJ-45	2	
	Audio	2 (Mic-in, Line-out)	
Operating System		Microsoft Windows XP	
Power Supply	Power Output Wattage	300 W	
	Input Range	AC 100 ~ 240 V	
Cooling	Chassis Fan	2	
Miscellaneous	Notification LEDs	Power status, HDD activity, Temperature, Fan and LAN connectivity	
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	Color	Black	
	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)



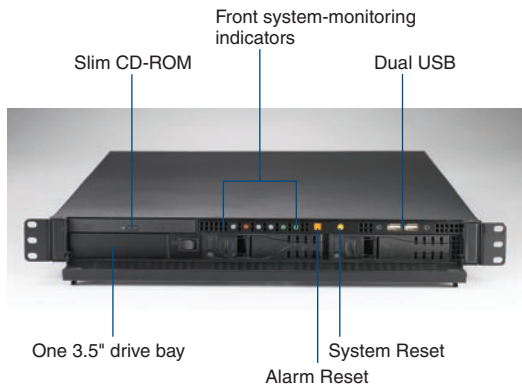
**Ordering Information**

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

**System Content**

Item	Part Number
Chassis	ACP-1320MBO-30ZE
Motherboard	AIMB-764G2-00A1E
Riser Card	AIMB-R4104-01A1E

**Front View**



Dual front-accessible SATA HDD trays