

# SYS-2U2010-4A01

**2U Intel® Core™ 2 Quad  
ATX System with  
Low-Profile Rear Bracket  
Option**



## 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 three PCI add-on cards with optional riser card
  - Great scalability with one 3.5" and one 5.25" front-accessible drive bays
- **User friendly and alarm notification**
  - Front LED indicators for the system power, fan, HDD and in-chassis temperature

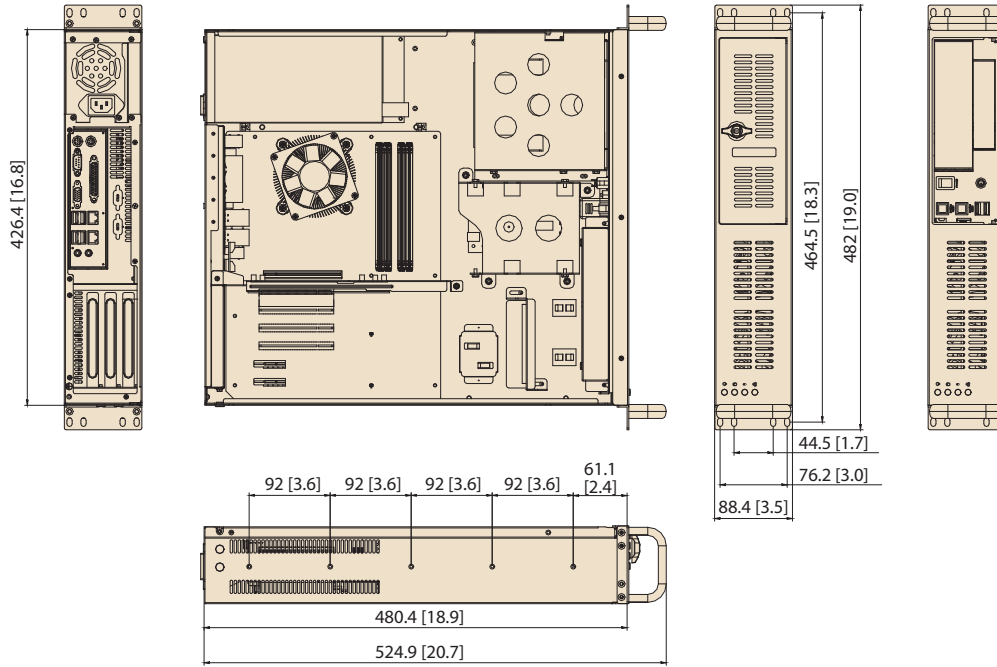


## Specifications

Form Factor	2U Rackmount				
Processor System	Chipset	Intel Q35 + ICH9			
	CPU	Core 2 Quad	Core 2 Duo	Pentium Dual Core	Celeron
		2.83 GHz	3.16 GHz	2.2 GHz	2.0 GHz
	L2 Cache	12 MB	6 MB	1 MB	512 KB
	Front Side Bus	800/1066/1333 MHz			
Graphics	Memory	Dual channel DDR2 667/800 MHZ up to 8 GB			
	Controller	Intel GMA3100 integrated			
	VRAM	Dynamically shared system memory up to 256 MB			
Expansion Slot	PCI	3			
Storage	Optical Drive (supported)	CD-ROM / CD-RW/ DVD-RW-ROM			
	Floppy Disk (supported)	-			
	HDD (supported)	SATA			
Drive Bay	5.25" (front-accessible)	1			
	3.5" (front-accessible)	1			
	3.5" (internal)	2			
Ethernet	Interface	10/100/1000 Mbps Gigabit Ethernet			
	Controller	Intel 82566DM, 82573L			
Front I/O Interface	USB	2			
	PS/2	1			
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 (8 cm / 47 CFM)			
	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	Dimension (W x H x D)	482 x 88 x 480 mm (19" x 3.46" x 18.9")		
	Weight	16 kg (35 lb)			

**Dimensions**

Unit: mm (inch)



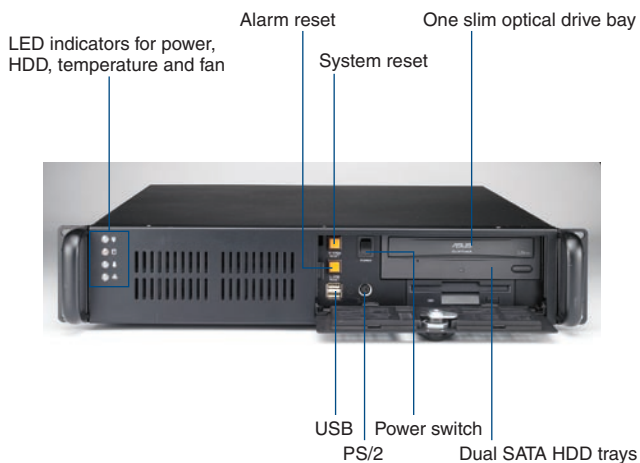
**Ordering Information**

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

**System Content**

Item	Part Number
Chassis	ACP-2010MBO-30ZBE
Motherboard	AIMB-766G2-00A1E
CPU Cooler	1960022033T000
Riser Card	AIMB-RP30P-03A1E

**Front View**



**Rear View**

