

SYS-4U610-4A02

SYS-4U610-4S01

4U Intel® Core™ 2 Quad ATX /
Core 2 Duo SBC System



Features

- **Intel® Q35 / Q965 platform**
 - Supports quad core and duo core processors
 - Supports dual channel DDR2 667/800 SDRAM up to 8 GB
- **Expandability**
 - Supports numerous PCI/PCIe/ISA add-on cards
 - Great scalability with one 3.5" and three 5.25" front-accessible drive bays
- **Significant industrial features**
 - Versatile power supply options
 - Dual system fans for better ventilation

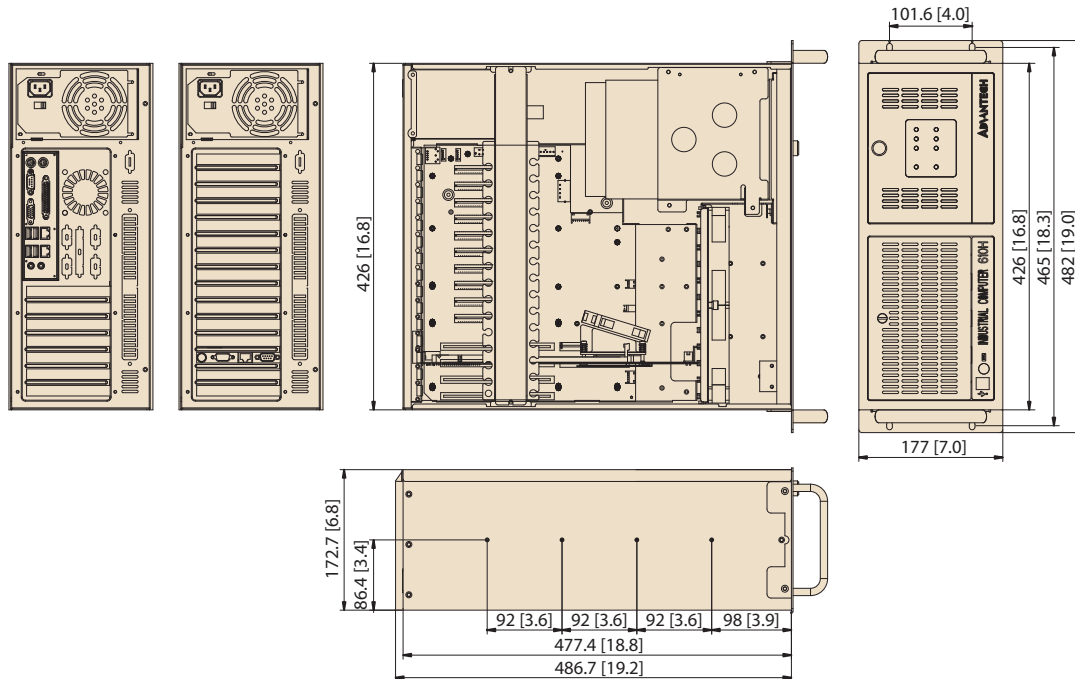


Specifications

Model	SYS-4U610-4A02				SYS-4U610-4S01							
Form Factor	4U Rackmount				4U Rackmount							
Processor System	Chipset	Intel Q35 + ICH9				Intel Q965 + ICH8						
	CPU	Core 2 Quad	Core 2 Duo	Pentium Dual Core	Celeron	Core 2 Duo	Pentium Dual Core	Celeron 400	Pentium D	Pentium 4	Celeron D	
		2.83 GHz	3.16 GHz	2.2 GHz	2.0 GHz	2.66 GHz	2 GHz	2 GHz	3.6 GHz	3.8 GHz	3.33 GHz	
	L2 Cache	12 MB	6 MB	1 MB	512 KB	4 MB	1 MB	512 KB	2MB + 2 MB	2 MB	512 KB	
Front Side Bus	800/1066/1333 MHz				533/800/1066 MHz							
Memory	Dual channel DDR2 667/800 MHz up to 8 GB				Dual channel DDR2 533/667/800 SDRAM up to 8 GB							
Graphics	Controller	Intel GMA3100 integrated				Intel Q965 integrated						
	VRAM	Dynamically shared system memory up to 256 MB				Dynamically shared system memory up to 256 MB						
Expansion Slot	PCIe x 16	1				-						
	PCIe x 1	2				-						
	PCI	4				10						
	ISA	-				2						
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)	3				3						
	3.5" (front-accessible)	1				1						
Ethernet	Interface	10/100/1000 Mbps Gigabit Ethernet				10/100/1000 Mbps Gigabit Ethernet						
	Controller	Intel 82566DM				Intel 82566DM						
Front I/O Interface	USB	2				2						
	PS/2	1				1						
	COM	4				2						
Rear I/O Interface	USB	4				6						
	PS/2	2				1						
	COM	4				2						
	VGA	1				1						
	Parallel	1				1						
RJ-45	2				2							
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 / 85 CFM)				2 (12 cm / 85 CFM)						
	Air Filter	Yes				Yes						
Miscellaneous	LED Indicators	Power status and HDD activity				Power status and HDD activity						
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						
	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")						
Physical Characteristics	Weight	20 kg (44 lb)				20 kg (44 lb)						

Dimensions

Unit: mm (inch)



Ordering Information

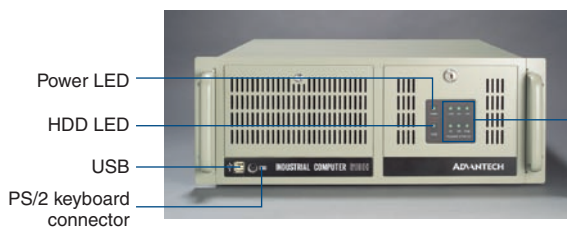
Please visit Advantech CTOS portal for order entry.

<http://www.advantech.com/ctos>

System Content

Model Number	Item	Part Number
SYS-4U610-4A02	Chassis	IPC-610MB-00XHE
	Motherboard	AIMB-766G2-00A1E
	CPU Cooler	1960022033T000
	Power Supply	PS-400ATX-ZBE
SYS-4U610-4S01	Chassis	IPC-610BP-00XHE
	SBC	PCA-6194VG-00A1E
	Backplane	PCA-6114P10-0B2E
	CPU Cooler	1750000332
	Power Supply	PS-400ATX-ZBE

Front View



Power status

