

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

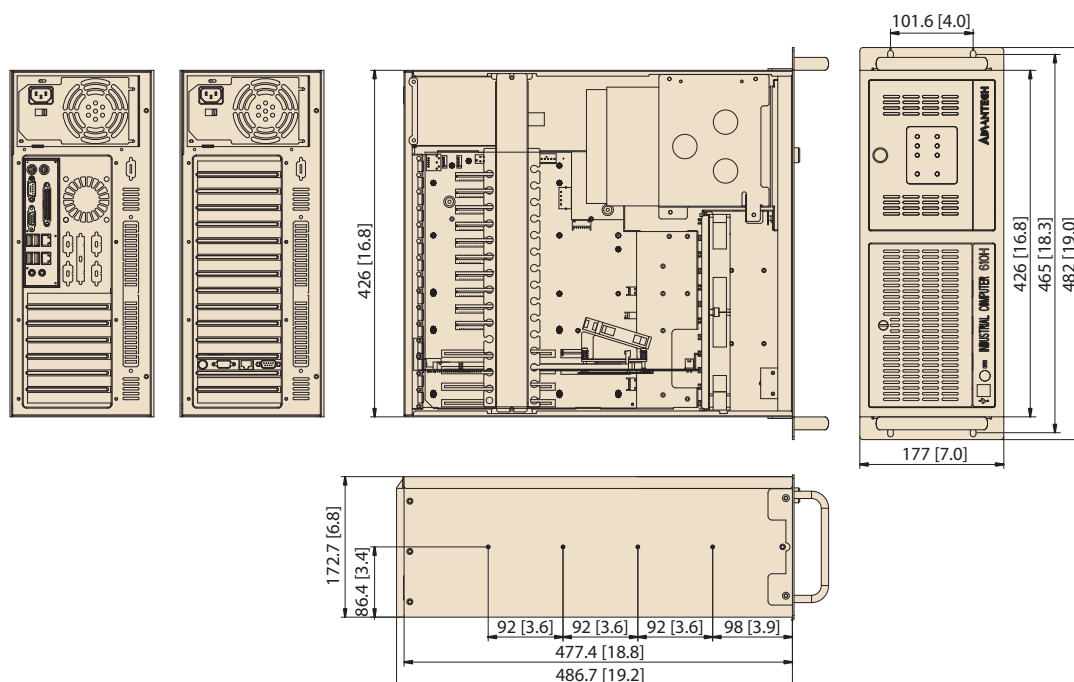


Specifications

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 2.83 GHz	Core 2 Duo 3.16 GHz	Pentium Dual Core 2.2 GHz	Celeron 2.0 GHz	Core 2 Duo 2.66 GHz	Pentium Dual Core 2 GHz	Celeron 400 2 GHz	Pentium D 3.6 GHz	Pentium 4 3.8 GHz	Celeron D 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					
Graphics	Memory	Dual channel DDR2 667/800 MHz up to 8 GB				Dual channel DDR2 533/667/800 SDRAM up to 8 GB					
	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					
Rear I/O Interface	USB	4				6					
	PS/2	2				1					
	COM	4				2					
	VGA	1				1					
	Parallel	1				1					
Operating System	RJ-45	2				2					
	Interface	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					
	Operating	Non-Operating				Non-Operating					
Environment	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)	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)					

Dimensions

Unit: mm (inch)



Ordering Information

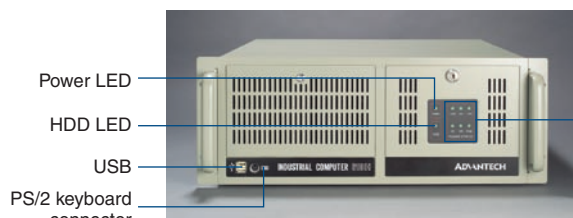
Please visit Advantech CTOS portal for order entry.

<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



Three 5.25" drive bays
 One 3.5" drive bay