SYS-4W5120-4U01

Compact Intel® Core™ 2 Duo MicroATX System with Front-Accessible I/O

Features

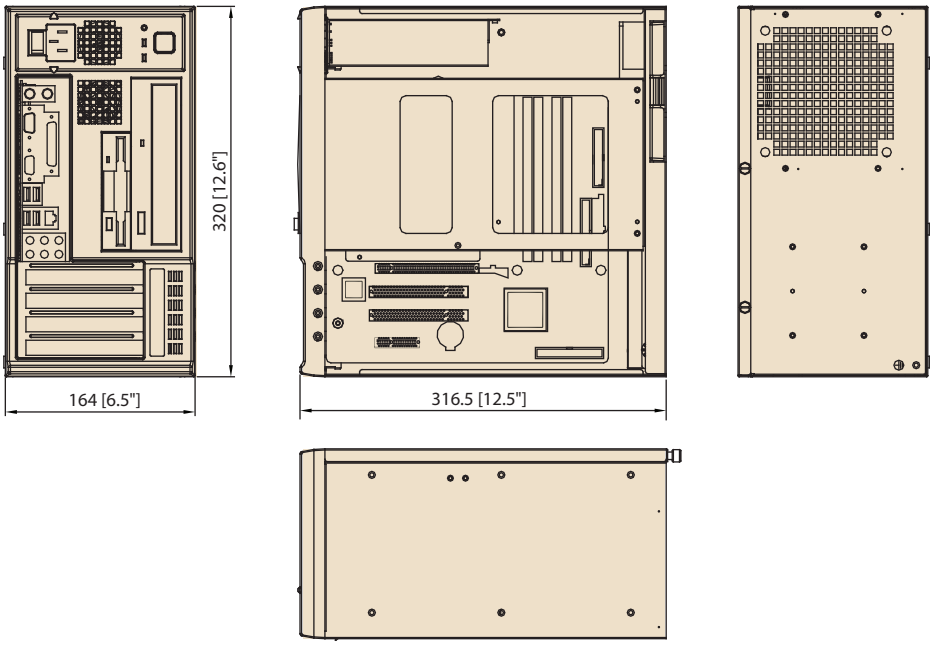
- **Intel® 945G Platform**
  - Supports Intel® Core™ 2 Duo processor up to 2.66 GHz
  - Supports DDR2 SDRAM up to 4 GB (dual channel)
  - One integrated GbE delivers excellent network performance
- **Ideal for Embedded Applications**
  - Ultra compact chassis with all-in-one feature
  - All I/O interfaces are located in the front to facilitate cable routing
  - Accepts standard optical drive, FDD and 3.5" HDD for better cost structure
  - Supports up to four add-on cards

Specifications

Form Factor		Wallmount	
Computing System	Chipset	Intel 945G + ICH7	
	CPU	Intel Core 2 Duo processor up to 2.66 GHz (LGA 775)	
	Front Side Bus	800 / 1066 MHz	
	L2 Cache	2 / 4 MB	
	Memory	DDR2 533/667 SDRAM up to 4 GB (dual channel)	
Graphics	Controller	Intel 945G Integrated	
	VRAM	Dynamically shared system memory up to 224 MB	
Expansion Slot	PCI	2 x 32-bit	
	PCIe x1	1	
	PCIe x16	1	
Storage	Optical Drive (support)	CD-ROM / DVD-ROM / CD-RW	
	Floppy Disk (support)	3.5" 1.44 MB FDD	
	HDD (support)	SATA	
Drive Bay	5.25" (front-accessible)	1	
	3.5" (front-accessible)	1	
	3.5" (internal)	1	
Ethernet	Interface	10/100/1000Base-T Gigabit Ethernet	
	Controller	Intel 82573L	
Front I/O Ports	USB	4	
	PS/2	2	
	COM	1	
	VGA	1	
	Parallel	1	
	RJ-45	1	
	Audio	3 (Mic-in, Line-in, Line-out)	
Operating System		Microsoft Windows XP	
Watchdog Timer	Output	Interrupt, System Reset	
	Interval	Programmable 1 ~ 255 sec	
Power Supply	Power Output Wattage	300 W	
	Input Range	AC 100 ~ 240V	
Cooling	Chassis Fan	1	
	Air Filter	Yes	
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	Color	Black (bezel) and Silver (body)	
	Dimensions (W x H x D)	320 x 164 x 317 mm (12.6" x 6.5" x 12.5")	
	Weight	10 kg (22 lb)	

Dimensions

Unit: mm (inch)



Ordering Information

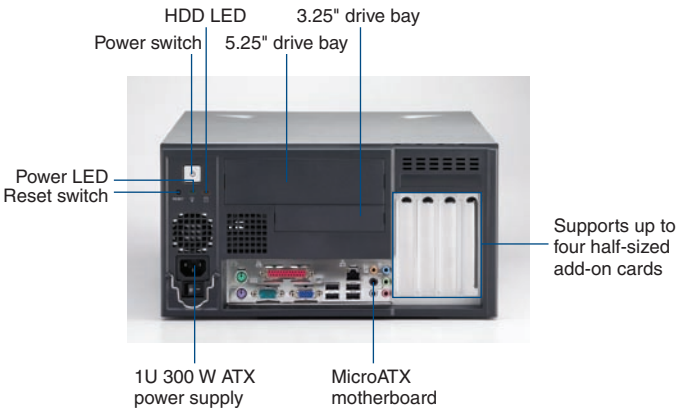
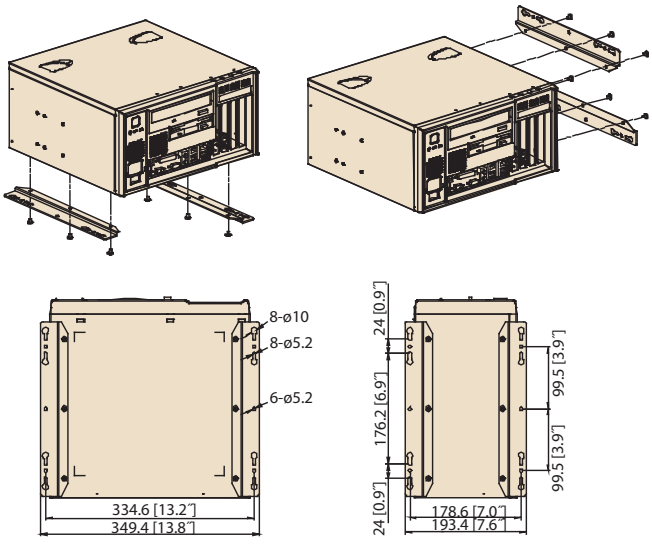
Please visit Advantech CTOS portal for order entry.

http://www.advantech.com/ctos

System Content

Item	Part Number
Chassis	IPC-5120-30ZE
Motherboard	AIMB-562VG-00A1E

Front View



Installation