

SYS-4U510-4A03

3rd Gen Intel® Core™ i7/i5/i3 4U
ATX System with 7 Expansion Slots



susiAccess
Remote Device Management

CE FCC



Features

- Intel® H61 Platform
 - Intel® Core™ i7/i5/i3 CPU (LGA1155)
 - DDR3 1333/1600 up to 16 GB
- Expansion Capability
 - 5 PCI, 1 PCIe x1, PCIe x16
 - Three 5.25" ODD and Two 3.5" Shock-resistant Drive Bay
- Thoughtful and Management Design
 - Front accessible USB and PS/2 interfaces
 - Ruggedized design for harsh environment
 - 300W 80plus power supply

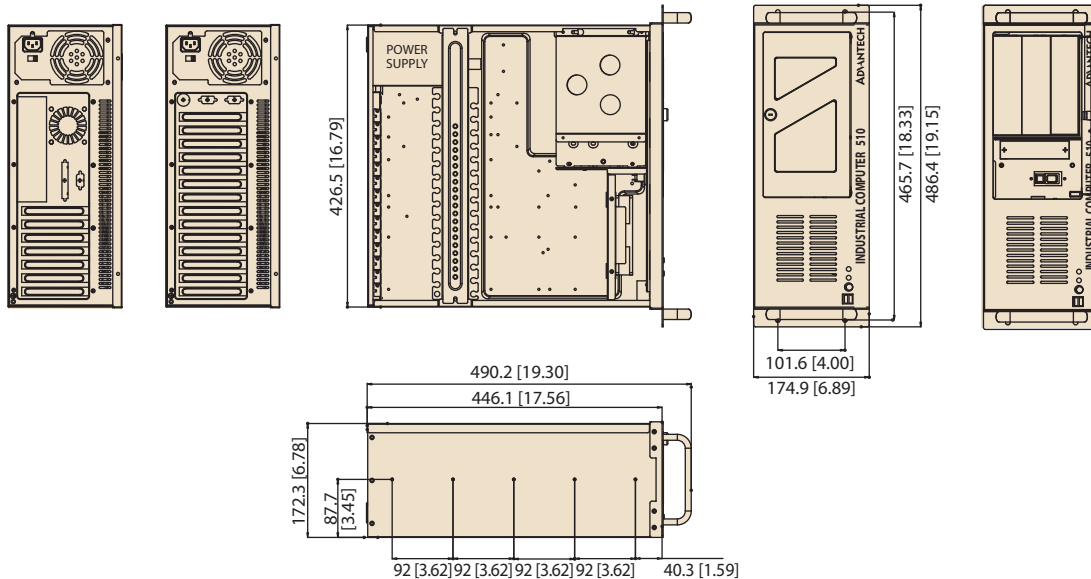


Specifications

Processor System	CPU	Core i7 3xxx	Core i5 3xxx	Core i3 3xxx	Pentium G8xx
	Speed	3.4 GHz	3.4/3.3 GHz	3.4 GHz	2.9 GHz
	L3 Cache	8 MB	6 MB	3 MB	3 MB
	Socket	LGA1155			
	Chipset	H61			
	BIOS	AMI 64 Mbit SPI			
Memory	Technology	Dual Channel DDR3 1066/1333/1600 (1600 is only supported by Core i7/i5/i3 3xxx series processors)			
	Max. Capacity	16 GB			
	Socket	2 x 240-pin DIMM			
Graphics	Controller	Intel HD Graphics			
Expansion Slot	PCI Express x 16 (Gen2)	1			
	PCI Express x 1 (Gen2)	1			
	PCI	5			
Ethernet	Interface	10/100/1000 Mbps			
	Controller	GbE LAN1: Intel 82579V, GbE LAN2: Intel 82583V			
Storage		Front-accessible		Internal	
	5.25"	3		-	
	3.5"	1		1	
Front I/O Interface	USB	2			
	PS/2	1			
Rear I/O Interface	VGA	1			
	DVI	1			
	Ethernet	2			
	USB	4			
	Audio	2 (Mic-in, Line-out)			
	Serial	2 (RS-232)			
	PS/2	2 (1 x keyboard and 1 x mouse)			
Watchdog Timer	Output	System reset			
	Interval	Programmable 1 ~ 255 sec			
Power Supply	Output Rating	300W			
	Input Voltage	100 ~ 240 V _{AC}			
Cooling	Fan	1 (12 cm / 77 CFM)			
	Air Filter	Yes			
Miscellaneous	LED Indicators	Power and HDD activity			
	Rear Panel	One 9-pin D-Sub and one 68-pin SCSI openings			
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	
	Vibration (5 ~ 500 Hz)	1 Grms		2 G	
	Shock	10 G (with 11 ms duration, half sine wave)		30 G	
Physical Characteristics	Dimensions (W x H x D)	486 x 177 x 446 mm (19" x 7" x 17.6")			
	Weight	10.7 kg (23.5 lb)			

Dimensions

Unit: mm [inch]

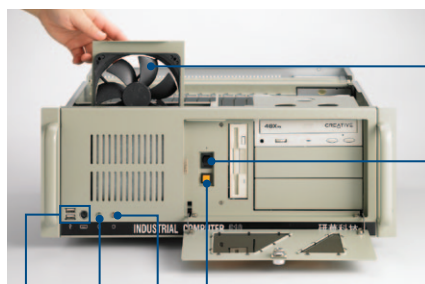


Ordering Information

Please visit Advantech eStore for order entry
<http://buy.advantech.com/>

System Content

Item	P/N
Chassis	IPC-510MB-00XBE
Motherboard	AIMB-701G2-00A1E
Power Supply	PS8-300ATX-ZBE (ATX, PFC)



HDD LED Power switch
 USB & PS/2 Power LED

Easy-to-maintain cooling fan

System reset switch



One 3.5" drive bay Three 5.25" drive bays
 One internal 3.5" drive bay space



Motherboard can fit in 450 mm (17.7") depth