

SYS-2U7242-4A01

**4th Gen Intel® Core™ i7/i5/i3 2U
ATX System with 3 Expansion
Slots, Front USB3.0**



Features

- Intel® Q87 Platform
 - Intel® Core™ i7/i5/i3 CPU (LGA1150)
 - Four DIMM sockets support up to 32 GB DDR3 1333/1600
 - Supports SATA RAID 0, 1, 5, 10, USB 3.0
- Expansion Capability
 - 2 PCI, 1 PCIe16
 - Four Hot-swap 3.5" and 2.5" HDD Bay, One Slim Optical Drive, and Two 2.5" Internal Drive
- Thoughtful and Management Design
 - Intelligent remote manageability
 - Front-accessible system fan
 - Smart fan speed control
 - 500W power supply



susiAccess
Remote Device Management

CE FCC

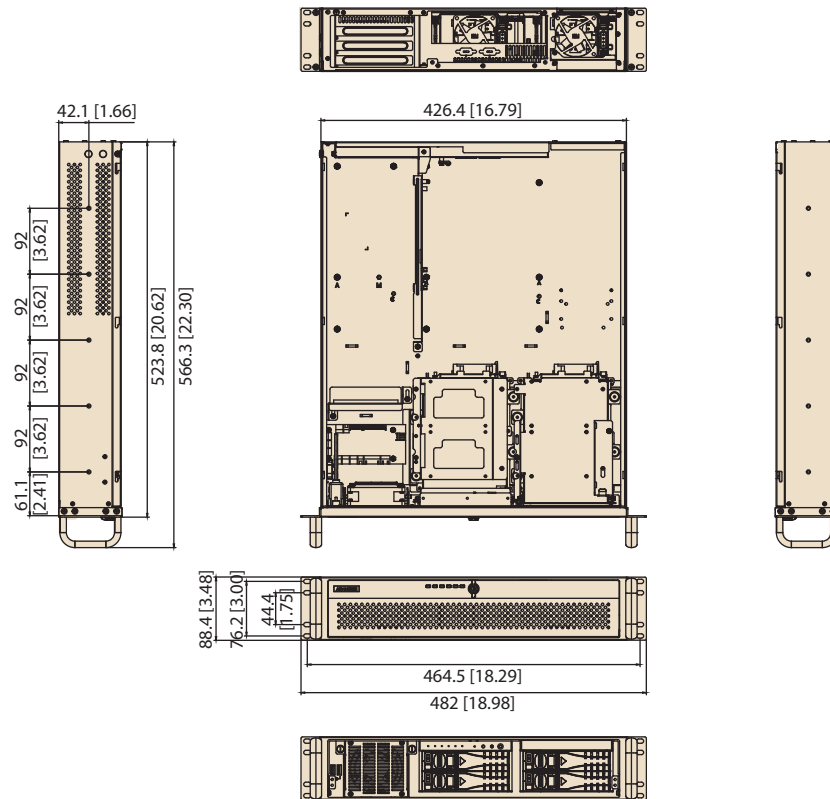


Specifications

Processor System	CPU	i7-4770S	i7-4770TE	i5-4570S	i5-4570TE	i3-4330	i3-4330TE	G3420	G3420T
	Speed	3.1 GHz	2.3 GHz	2.9 GHz	2.7 GHz	3.5 GHz	2.4 GHz	3.2 GHz	2.7 GHz
	L3 Cache	8 MB	8 MB	6 MB	4 MB	3 MB	3 MB	3 MB	3 MB
	Socket	LGA1150							
	Chipset	Q87							
	BIOS	AMI 128 Mbit SPI							
Memory	Technology	Dual Channel DDR3 1333/1600							
	Max. Capacity	32 GB							
	Socket	4 x 240-pin DIMM							
Graphics	Controller	Intel HD Graphics (Depends on processor)							
Expansion Slot	PCI Express x 16	1							
	PCI	2							
Ethernet	Interface	10/100/1000 Mbps							
	Controller	GbE LAN1: Intel I217LM, GbE LAN2: Intel I211AT							
Storage		Front-accessible				Internal			
	Slim Optical Drive Bay	1				-			
	2.5" or 3.5"	4 SAS/SATA HDDs				2 (2.5")			
Front I/O Interface	USB	2 (3.0)							
Rear I/O Interface	VGA	1							
	DVI	2							
	Ethernet	2							
	USB	4 (Two USB 3.0)							
	Audio	2 (Mic-in, Line-out)							
	Serial	1 (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	500W							
	Iput Voltage	100 ~ 240 V _{AC}							
Cooling	Fan	1 (8 cm/47CFM) + 2 (6 cm/28CFM) for SAS/SATA storage unit							
	Air Filter	Yes							
Miscellaneous	Remote Management	Remote monitoring: temperature, fan speed, HD status, voltage Active control: schedule on/off, remote KVM Complete protection: system recovery (Acronis), system protection (McAfee)							
	LED Indicators	Power, HDD, temperature, fan, LAN1, and LAN2							
	Rear Panel	Two 9-pin D-Sub							
		Operating				Non-Operating			
Environment	Temperature	0 ~ 50° C (32 ~ 122° F)				-40 ~ 70° C (-40 ~ 156° F)			
	Humidity	10 ~ 95% @ 40° C, non-condensing				10 ~ 95% @ 60° C, non-condensing			
	Vibration (5 ~ 500 Hz)	1 Grms				2 G			
	Shock	10 G (with 11 ms duration, half sine wave)							
Physical Characteristics	Dimensions (W x H x D)	482 x 88 x 525 mm (19" x 3.46" x 20.67")							
	Weight	13.7 kg (30.12 lb)							

Dimensions

Unit: mm [inch]



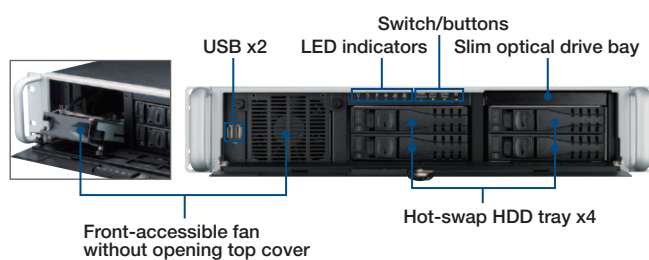
Ordering Information

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

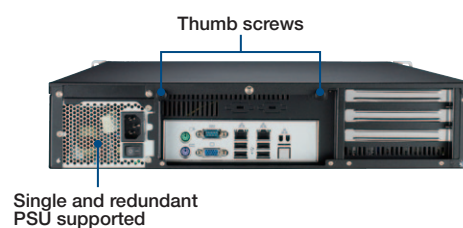
System Content

Item	P/N
Chassis	HPC-7242MB-00XE
Motherboard	AIMB-784G2-00A1E
Riser Card	AIMB-R43PF-21A1E
Power Supply	1757004392-01 (ATX, PFC)

Front view



Rear view



*Note: Motherboard and power supply are not included.