

SYS-4U4320-7A01

SYS-4U4320-7S01

4U Intel® Core™ i7/i5/i3 LGA 1155
ATX/PICMG 1.3 SBC System with
Dual SATA/SAS HDD Trays



Features

- Intel® Q77 Platform
 - Supports Intel® Core™ i7/i5/i3 up to 3.4 GHz
 - Supports dual display and dual Gbe LAN
- Easy data mirroring
 - Supports two SATA/SAS HDD mobile racks for data mirroring
- Expandability
 - Supports various PCIe/PCI add-on cards
- LED indicators and alarm notification for system fault detection and network connection
 - Lockable front door prevents unauthorized access

Specifications

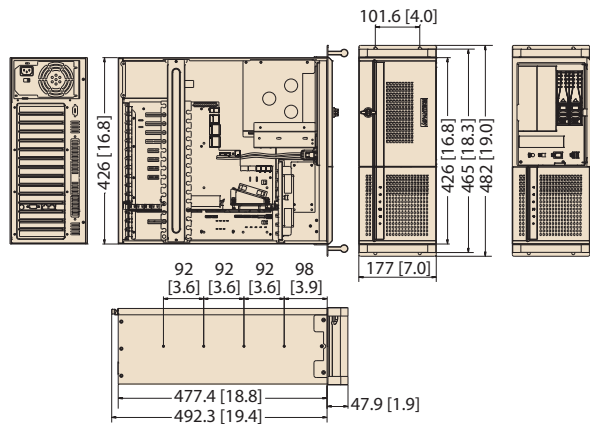
Form Factor		SYS-4U2320-7A01			SYS-4U2320-7S01		
Computing System	Chipset	Intel Q77			Intel Q77		
	CPU	Core i7 3xxx	Core i5 3xxx	Core i3 3xxx	Core i7 37xxx	Core i5 35xx	Core i3 32xxx
	L3 Cache	2.3 GHz	2.7 GHz	2.4 GHz	3.8 GHz	3.7 GHz	3.3 GHz
	Memory	6 MB	3 MB	3 MB	8 MB	6 MB	3 MB
Graphics	Memory	Dual channel DDR3 1333/1600 MHZ up to 32GB			Dual channel DDR3 1333/1600 HMz up to 8GB		
	Embedded	Intel HD Graphics			Intel HD Graphics		
Expansion Slot	VRAM	1 GB maximum shared memory with 2 GB and above system memory installed			1 GB maximum shared memory with 2 GB and above system memory installed		
	PCIe x16	1			1		
	PCIe x4	1			-		
	PCIe x1	1			1		
Drive Bay	PCI	4			4		
	Slim ODD	-			-		
	3.5" (Front-Accessible)	2			2		
Ethernet	5.25" (Front-Accessible)	2			2		
	Interface	10/100/1000 Base-T			10/100/1000 Base-T		
Front I/O Ports	Controller	LAN1: Intel 82579LM LAN2: Intel 82583V			LAN 1: Intel 82579LM LAN 2: Intel 82583V		
	USB	2			2		
Real I/O Ports	USB	4			1		
	PS/2	2			1		
	COM	2			-		
	Display	VGA + DVI			1		
	RJ-45	2			2		
	Audio	2 (Mic-in, Line-out)			-		
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) + 1 (12 cm/114 CFM) + 1 (6 cm/28 CFM)			2 (12 cm/ 85 CFM) + 1 (12 cm/114 CFM) + 1 (6 cm/28 CFM)		
	Air Filter	Yes			Yes		
Miscellaneous	Notification LEDs	Power staus, HDD activity, temperature and Fan			Power staus, HDD activity, temperature and Fan		
Environment	Temperature	Operating	0 ~ 40° C		Operating		0 ~ 40° C
		Non-Operating	-20 ~ 60° C		Non-Operating		-20 ~ 60° C
	Humidity	(32 ~ 104° F)		(-4 ~ 104° F)		(32 ~ 104° F)	
Physical Characteristics	Dimension (W x H x D)	10 ~ 85% @ 40° C, non-condensing		10 ~ 95% @ 40° C, non-condensing		10 ~ 85% @ 40° C, non-condensing	
		non-condensing		non-condensing		non-condensing	
Weight	Weight	482 x 177 x 479 mm (19" x 7.0" x 18.9")			482 x 177 x 479 mm (19" x 7.0" x 18.9")		
		16 Kg (35 lb)			16 Kg (35 lb)		

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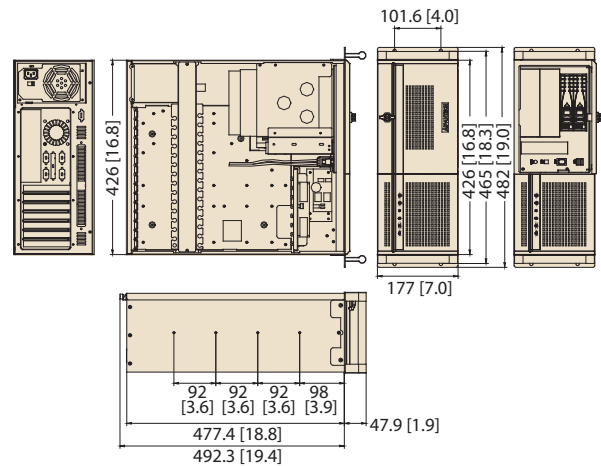
Dimensions

Unit: mm [inch]

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Ordering Information

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

System Contents

Item	Part Number
SYS-4U4320-7A01	
Chassis	ACP-4320MB-00XE
Motherboard	AIMB-782QG2-00A1E
Power Supply	PS8-400ATX-ZBE
SYS-4U4320-7S01	
Chassis	ACP-4320BP-00XE
SBC	PCE-5127QG2-00A1E
BC	PCE-5B10-04A1E
Power Supply	PS8-400ATX-ZBE

Front View



Inside View

