

SYS-4U4340-4F01

4th Gen Intel® Core™ i7/i5/i3
4U PICMG1.3 System with
11 Expansion Slots, Front USB3.0



Features

- Intel® Q87 Platform
 - Intel® Core™ i7/i5/i3 CPU (LGA1150)
 - DDR3 1333/1600 up to 16 GB
- Expansion Capability
 - 7 PCI, 3 PCIe4, 1 PCIe16
 - Four 3.5", One 2.5" HDD Bay and 1 Slim Optical Drive
- Thoughtful and Management Design
 - Intelligent remote manageability
 - LED indicators and audible alarm notification
 - Front-accessible system fan
 - Smart fan speed control for system fans
 - 400W power supply



SUSIAccess
Remote Device Management

CE FCC

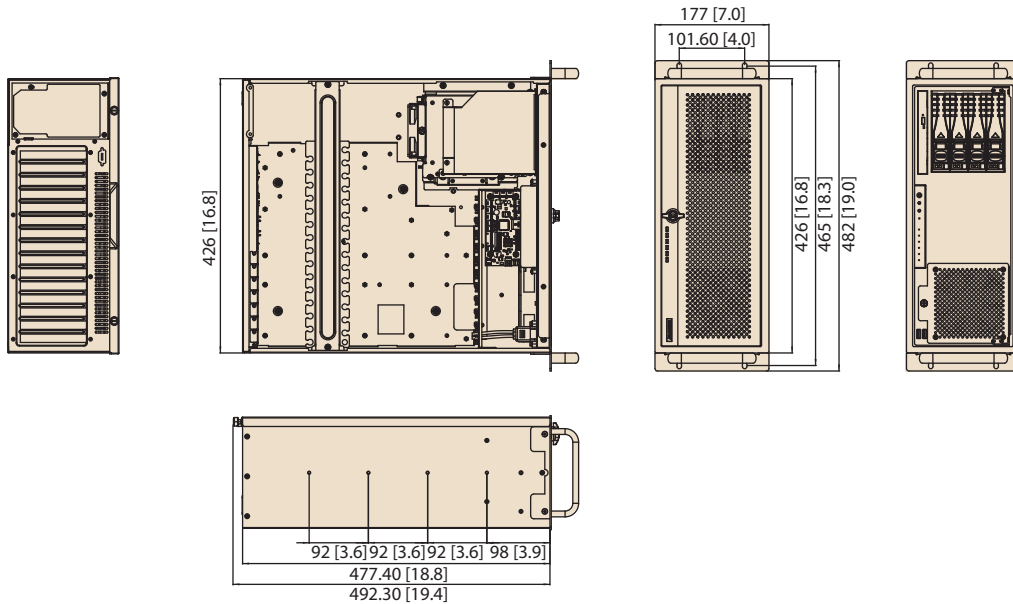


Specifications

Processor System	CPU	i7-4770S	i7-4770TE	i5-4570S	i5-4570TE	i3-4330	i3-4330TE	G4320	G4320TE
	Base Frequency	3.1GHz	2.3GHz	2.9GHz	2.7GHz	3.5GHz	2.4GHz	3.2GHz	2.3GHz
	L3 Cache	8MB	8M	6MB	4MB	3MB	3MB	3MB	3MB
	SKU/Chipset	Intel Q87							
	BIOS	AMI 128Mbit SPI Flash							
Memory	Technology	Dual channel (Non-ECC) DDR3 1333/1600							
	Max. Cap.	16 GB (8 GB per DIMM)							
	Socket	DDR3 240-pin DIMM x 2							
Graphics	Controller	Chipset integrated Intel HD Graphics							
	VRAM	Shared system memory is subject to OS							
	CRT	Supports resolution up to 2048 x 1536 pixel at 60MHz							
	DVI-D	Supports resolution up to 1920 x 1200 pixel at 60MHz							
	Triple Display	CRT+DVI-D+ DVI-D							
Expansion Slot	PCI Express x 16	1							
	PCI Express x 4	3							
	PCI	7							
Ethernet	Interface	10/100/1000 Mbps							
	Controller	LAN 1: Intel I217LM LAN 2: Intel I211AT							
Storage		Front-accessible				Internal			
	Slim Optical Drive Bay	1				-			
	3.5" Drive Bay	4 SAS/SATA HDDs (Hot-Swap)				-			
	2.5" Drive Bay	-				1			
Front I/O Interface	USB	2 (3.0)							
Rear I/O	USB 3.0	1							
	Ethernet	2							
	VGA	1							
	PS/2	1 (PS/2 Y cable supports 1 x keyboard and 1 x mouse)							
Watchdog Timer	Output	System reset							
	Interval	Programmable 1 ~ 255 sec							
Power Supply	Output Rating	400W ATX							
	Input Voltage	AC 100 ~ 240 V (full range)							
Cooling	Fan	1 (12 cm /74 CFM) + 1 (8 cm/56 CFM) for SAS/SATA storage unit							
	Air Filter	Yes							
Miscellaneous	LED Indicators	Power, HDD, temperature, fan, LAN1, and LAN2							
	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)							
	Rear Panel	One 9-pin D-Sub opening							
Environment		Operating				Non-Operating			
	Temperature	0 ~ 40° C (32 ~ 104° 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 177 x 478 mm (19" x 7.0" x 18.8")							
	Weight	12.5 ka (27.5 lb)							

Dimensions

Unit: mm [inch]



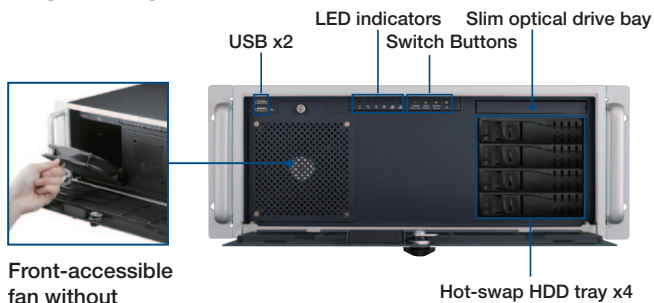
Ordering Information

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

System Content

Item	P/N
Chassis	ACP-4340BP-00XE
Motherboard	PCE-5128G2-00A1E
Backplanes	PCE-5B12-07A1E
Power Supply	PS8-400ATX-ZE (ATX, PFC)

Front View



Front-accessible fan without opening top cover

Rear View



*Note: Backplane, SBC, motherboard, and power supply are not included.