

AIMC-3420

Micro Computer, Intel® Core™ i7/i5/i3 CPU,
3 Expansion, 300W 80Plus PSU



Features

- Intel® H61 Platform
 - Intel® 3rd/2nd gen Core™ i7/i5/i3 CPU (LGA1155)
 - One PCIe x16 & two PCIe x1 Expansion Slots
- Compact & Rich I/O Configuration
 - One internal 3.5" SATA HDD bays with shock-resistant
 - Optional front removable 2.5" HDD bay
 - VGA, 2 GbE LAN, 8 USB2.0, 2 COM
 - Easy-to-maintain system fan and reusable filter
- Energy Savings
 - 300W 80Plus PSU

Software: **susiAccess**

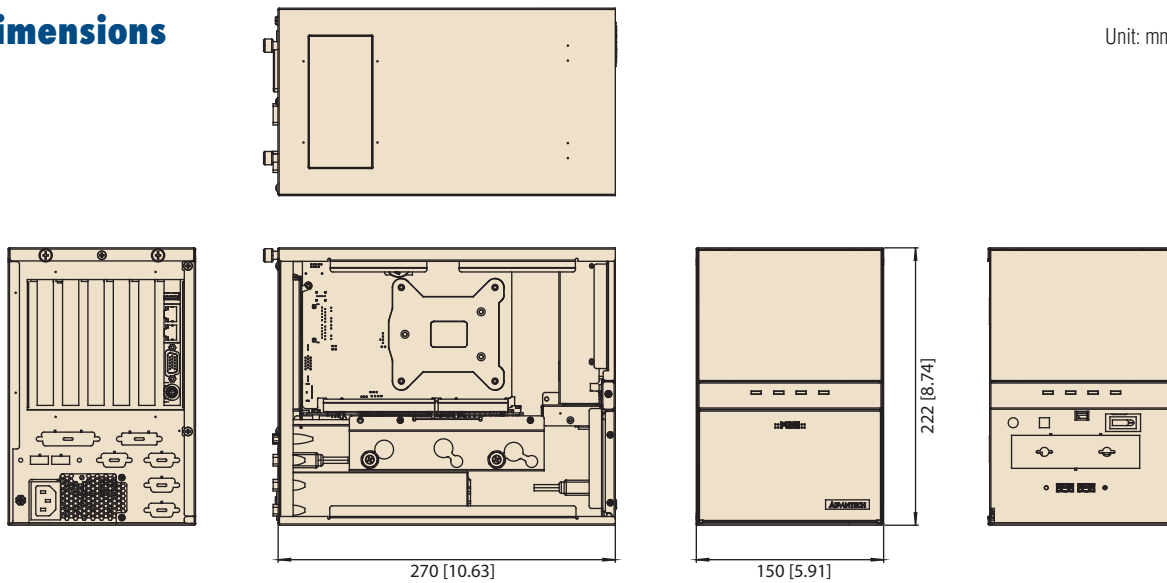


Specifications

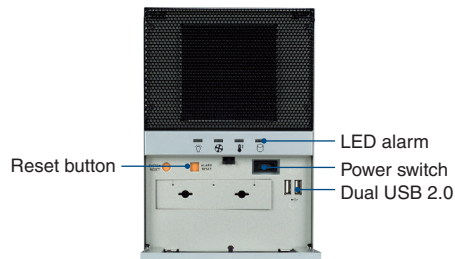
Processor System	CPU	Core i7-2600	Core i5-3550S	Core i5-2400	Core i3-3220	Core i3-2120
	Core	4	2	2	2	2
	Base Frequency	3.4 GHz	3.0 GHz	3.1 GHz	3.3 GHz	3.3 GHz
	L3 Cache	8 MB	6 MB	6 MB	3 MB	3 MB
	Chipset	H61				
Memory	BIOS	AMI 64Mb SPI Flash				
	Technology	Dual Channel DDR3 1066/1333 MHz (Non ECC)				
	Max. Capacity	8 GB (4 GB per DIMM)				
Graphics	Socket	204-pin SO-DIMM x 2				
	Chipset Integrated	Integrated Intel HD Graphics				
Expansion slot	PCI Express x16	1				
	PCI Express x1	2				
Ethernet	Interface	10/100/1000 Mbps				
	Controller	LAN1: Intel 82579V, LAN2: Intel 82583V				
SATA	Max Data Transfer Rate	300 MB/s (SATA 2.0)				
	HDD Bay	1 internal 3.5"				
I/O Interface	Display	VGA				
	USB	8 (USB 2.0 compliant, 2 in front, 5 in rear, 1 internal type-A for software key)				
	Serial	2 RS-232				
	PS/2	1				
Watchdog Timer	Output	System reset				
	Interval	Programmable 1 ~ 255 sec/min				
Power Supply	Output Rating	AC 300W, ATX				
	Input Voltage	110 V _{AC} ~ 240 V _{AC}				
Cooling	System Fan	1 (9cm / 53 CFM)				
	Air Filter	Yes				
Miscellaneous	LED Indicators	Power, HDD, Temp, Fan				
	Control	Power on/off switch, Reset button				
Environment	Operating Temperature	0 ~ 40° C (32 ~ 104° F)			Non-operating -20 ~ 60° C (-4 ~ 140° F)	
	Humidity	10 ~ 85% @ 40° C, non-condensing			10 ~ 95% @ 40° C, non-condensing	
	Vibration	1Grms, random, 5~500Hz, 3 axes, 1 hr/axis			2Grms, sine wave, 5~500Hz, 3 axes, 1 hr/axis	
	Shock	10G, half sine wave, 11 ms duration				
Physical Characteristics	Dimension (WxHxD)	150 x 222 x 270 mm				
	Weight	5 kg				

Dimensions

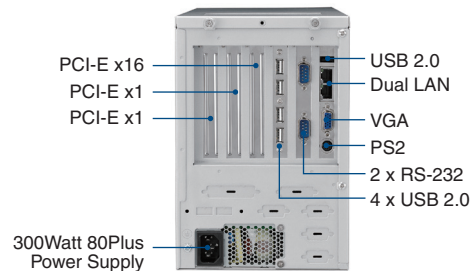
Unit: mm [inch]



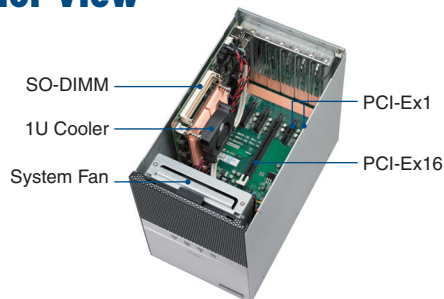
Front View



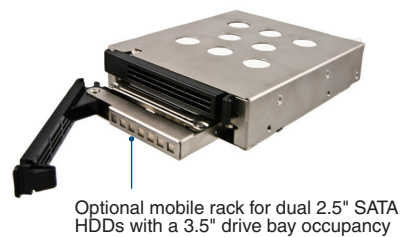
Rear View



Interior View



IDT-3120E



Ordering Information

Model name	Power Supply
AIMC-3420-00A1E	Micro Computer, Intel® Core™ i7/i5/i3 CPU, 3 Expansion, 300W 80Plus PSU

Optional Accessories

Part Number	Description
1960053207N001	1.5U Cooler for i7/i5/i3 CPU
1960053065N001	1U Cooler for i3 CPU
PCIE-1674PC-AE	4-port PCI express GbE PoE card
PCIE-1672PC-AE	2-port PCI express GbE PoE card
1700008822	DVI Cable
IDT-3120E	Removable dual 2.5"HDD tray
PCA-COM485-00A1E	4-port RS-485/422 Module by LPC

Packing List

Items	Part Number	Quantity
AIMC-3420 Bare System	AIMC-3420-00A1E	1
Driver CD	2066302600	1
SATA HDD Data Cable	1700003194	2
SATA HDD Power Cable	1703150102	2
LPT Cable	1700002223	1
MOUNTING BRACKET	1960048518N001	1
Rubber Foot	1990012452S000	4