

AiMC-3200

Micro Computer, Intel® Core™ i7/i5/i3 CPU,
2 Expansions, 250W 80Plus PSU



Features

- Intel® H61 Platform
 - Intel® 3rd/2nd gen Core™ i7/i5/i3 CPU (LGA1155)
 - One PCIe x16 & one PCIe x4 Expansion Slots*
- Compact, well-thought-out design
 - Two internal, shock-resistant, 2.5" SATA HDD bays
 - Front accessible I/O: VGA+DVI-D, 2 GbE LAN, 3 USB2.0, 2 COM
 - Easy-to-maintain system fan and reusable filter
 - Alert to chassis intrusion
- Energy Savings
 - 250W 80Plus PSU



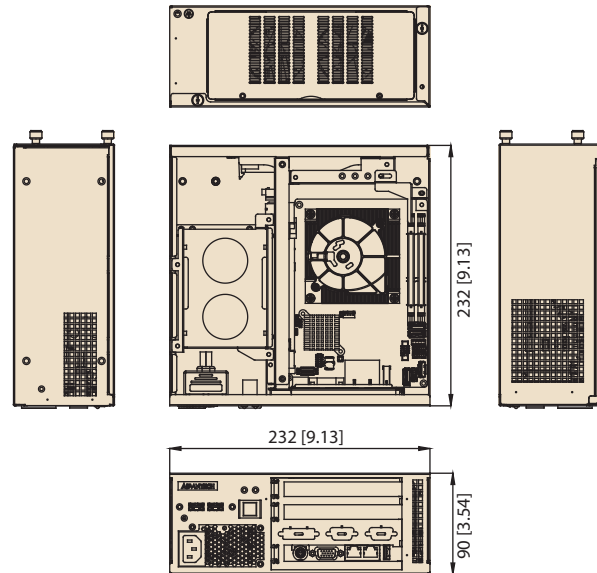
* Subject to Cooler solution, it will occupy PCIe x16 slot

Specifications

Processor System 1.5U CPU Cooler 1 Expansion slot	CPU	Core i7-2600	Core i5-3550S
	Core	4	4
	Base Frequency	3.4 GHz	3.0 GHz
	L3 Cache	8 MB	6 MB
	Chipset	H61	
Processor System 1U CPU Cooler 2 Expansion slot	BIOS	AMI 64Mb SPI Flash	
	CPU	Core i3-3220	
	Core	4	
	Base Frequency	3.3 GHz	
	L3 Cache	3 MB	
Memory	Chipset	H61	
	BIOS	AMI 64Mb SPI Flash	
	Technology	Dual Channel DDR3 1066/1333 MHz (Non ECC)	
Graphics	Max. Capacity	16 GB (8 GB per DIMM)	
	Socket	204-pin SO-DIMM x 2	
	Chipset Integrated	Integrated Intel HD Graphics	
Expansion slot	PCI Express x16	1 (Lower-layer slot); Full-Height: 107 mm / Length: Max. 180 mm; Supports 1U CPU cooler only	
	PCI Express x4	1 (Upper-layer slot); Full-Height: 107 mm / Length: Max. 180 mm	
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	2 internal 2.5" (Both: max. 15 mm height)	
I/O Interface	Display	VGA+DVI-D	
	USB	4 USB2.0 (3 in front, 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 250W, ATX	
	Input Voltage	100 V _{AC} ~ 240 V _{AC}	
Cooling	System Fan	2 (6cm / 27.7 CFM)	
	Air Filter	Yes	
Miscellaneous	Chassis intrusion alert	Yes	
	LED Indicators	Power, HDD, temperature	
	Control	Power on/off switch	
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	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	
	EMC	CE/FCC, CCC, BSMI	
	Safety	UL/CB, CCC, BSMI	
Physical Characteristics	Dimension (W x H x D)	232 x 90 x 232 mm	
	Weight	4.5 kg	

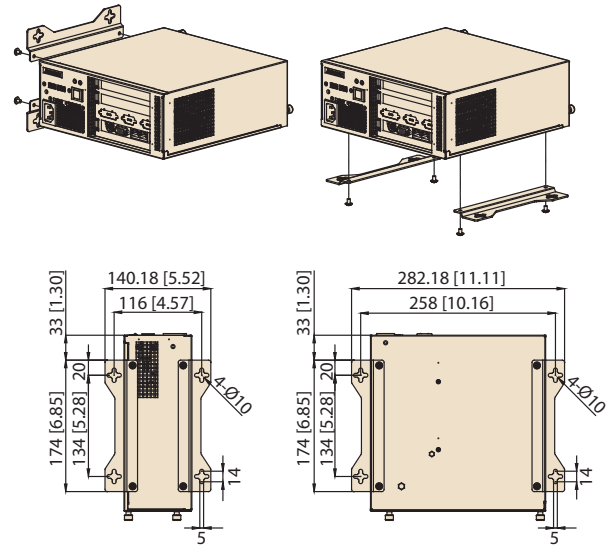
Dimensions

Unit: mm [inch]

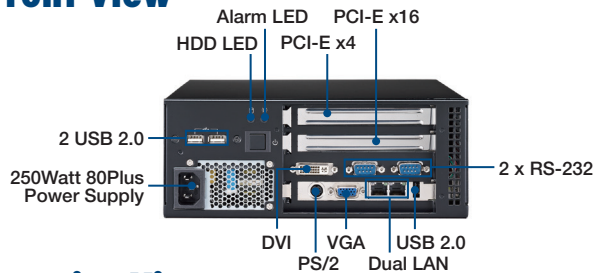


Installation

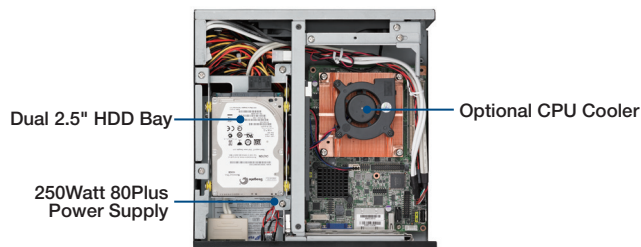
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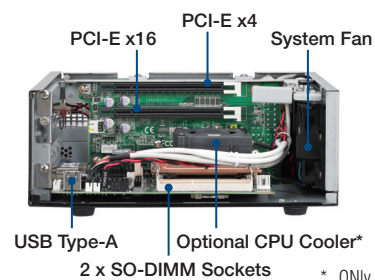
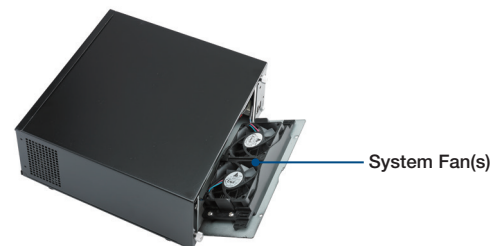
Front View



Interior View



Rear Cover for Replacing Fans



* Only 1 PCIe slot is available when using 1.5U CPU Cooler

Ordering Information

Part Number	Description
AIMC-3200-00A1E	Micro Computer, Intel Core i7/i5/i3 CPU, 2 Expansion, 250W 80Plus PSU

Packing List

Items	Part Number	Quantity
AIMC-3200 Bare System	AIMC-3200-00A1E	1
Driver CD	2066302600	1
SATA HDD Data Cable	1700003194	2
SATA HDD Power Cable	1703150102	2
Four-port USB Cable	1700014398	1
LPT Cable	1700002223	1
Mounting Brackets	1960014487T00C	2
Rubber Foot	1990012452S000	4

Optional Accessories

Part Number	Description
1960053207N001	1.5U Cooler for i7/i5/i3 CPU
1970004537N001	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
PCA-COM485-00A1E	4-port RS-485/422 Module by LPC
PCA-COM232-00A1E	4-port RS-232 Module by LPC
PCA-AUDIO-HDA1E	Audio extension module with HD audio interface
PCA-TPM-00A1E	Trusted platform module compliant with TCG 1.2

Note: Purchasing proprietary CPU cooler from Advantech is a must. Other brands' CPU coolers are NOT compatible.