

AiMC-3202

Micro Computer with Intel® Core™ i7/i5/i3 Processor, Intel® H110 Chipset, 2 x Expansion Slots, and 250W 80PLUS PSU



Features

- Intel® 6th/7th Gen Core™ i7/i5/i3/Celeron® processor with Intel® H110 chipset
- 1 x PCIe x16 and 1 x PCIe x4(1 x PCI for AIMC-3202-01) expansion slots
- Compact design with front-accessible I/O
- 1 x VGA+DVI-D, 2 x GbE LAN, 3 x USB 3.0, 2 x COM
- 2 x 2.5" internal, shock-resistant SATA HDD bays
- Supports chassis intrusion alerts
- 250W 80PLUS PSU offers energy savings



Specifications

	CPU	i7-7700	i5-7500	i3-7101E	i7-7700T	i5-7500T	i3-7101TE	i7-6700	i5-6500	i3-6100	i7-6700TE	i5-6500TE	i3-6100TE	G4400TE	G3900TE	
Processor	Core	4	4	2	4	4	2	4	4	2	4	4	2	2	2	
	Base Frequency	3.6 GHz	3.4 GHz	3.9 GHz	2.9 GHz	2.7 GHz	3.4 GHz	3.4 GHz	3.2 GHz	3.7 GHz	2.4 GHz	2.3 GHz	2.7 GHz	2.9 GHz	2.6 GHz	
	L3 Cache	8 MB	6 MB	3 MB	8 MB	6 MB	3 MB	8 MB	6 MB	4 MB	8 MB	6 MB	4 MB	3 MB	2 MB	
	TDP	65W	65W	65W	35W	35W	35W	65W	65W	65W	35W	35W	35W	35W	35W	
	Chipset	Intel® H110														
	BIOS	AMI 128Mb SPI Flash														
Memory	Technology	Dual-channel DDR4 1866/2133 MHz (non-ECC)														
	Max. Capacity	32 GB (16 GB per DIMM)														
	Socket	2 x 260-pin SODIMM														
Graphics	Integrated Chipset	Intel® HD Graphics														
Ethernet	Interface	2 x RJ45, 10/100/1000 Mbps														
	Controller	LAN 1: Intel® i219V LAN 2: Intel® i211AT														
Expansion Slots (AIMC-3202-00)	PCI Express x16	1 (Upper-layer slot); full height: 111.15 mm, length: max. 175mm														
	PCI Express x4	1 (lower-layer slot); full height: 111.15 mm, length: max. 175mm with 1U cooler														
Expansion Slots (AIMC-3202-01)	PCI Express x16	1 (lower-layer slot); full height: 111.15 mm, length: max. 175mm with 1U cooler														
	PCI	1 (Upper-layer slot); full height: 111.15 mm, length: max. 175mm														
SATA	Data Transfer Rate	600 MB/s (SATA 3.0)														
	HDD Bay	2 x 2.5" internal SATA HD (height: Max 9mm (upper layer), 15mm (lower layer))														
	mSATA	1														
I/O Interface	Display	VGA+DVI-D (1920 x 1200 pixel @ 60Hz)														
	USB	3 x USB 3.0, 1 x USB 2.0 internal type-A for software key														
	Serial	2 x 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 ~ 240 V _{AC}														
Cooling	System Fan	2 (6 cm/14.1CFM)														
	Air Filter	Yes														
Miscellaneous	Chassis Intrusion Alert	Yes														
	LED Indicators	Power, HDD														
	Control	Power on/off switch														
Environment	Operating	0 ~ 40 °C (32 ~ 104 °F)										Non-operating				
	Humidity	10-85% @ 40 °C non-condensing										-20 ~ 60 °C (-4 ~ 140 °F)				
	Vibration	1Gms, random, 5 ~ 500 Hz, 3 axes, 1 hr/axis										10-95% @ 40 °C non-condensing				
	Shock	10G, half sine wave, 11ms duration														
	EMC	CE/FCC Class A, CCC, BSMI														
	Safety	UL/CB, CCC, BSMI														
Physical Characteristics	Dimensions (W x H x D)	232 x 90 x 232 mm (9.13" x 3.54" x 9.13")														
	Weight	4.5 kg														

Configuration table for CPU OS and CPU cooler

TDP	65W		35W	
CPU Generation	Intel 7th Kabylake	Intel 6th Skylake	Intel 7th Kabylake	Intel 6th Skylake
CPU	i7-7700 i5-7500 i3-7101E	i7-6700 i5-6500 i3-6100	i7-7700T i5-7500T i3-7101TE	i7-6700TE i5-6500TE i3-6100TE G4400TE G3900TE
OS Support	<ul style="list-style-type: none"> Win10 IoT Enterprise (64-bit) Linux 	<ul style="list-style-type: none"> Win10 IoT Enterprise (64-bit) Win 8.1 Pro Win 7 Professional Linux 	<ul style="list-style-type: none"> Win10 IoT Enterprise (64-bit) Linux 	<ul style="list-style-type: none"> Win10 IoT Enterprise (64-bit) Win 8.1 Pro Win 7 Professional Linux
CPU Cooler	1960053207N001(1.5U)		1960053207N001(1.5U) 1960053065N001 (1U)	

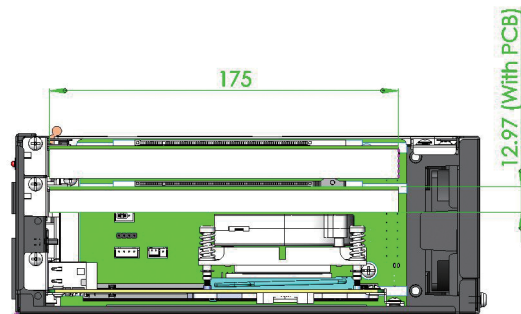
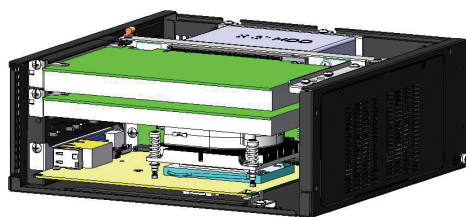
Fan Comparison Table

CPU Cooler	1960053065N001 (1U)	1960053207N001 (1.5U)
RPM	5500	4400
dB	55	43
CFM	11.83	45.09
System Expansion support	2*	2**
System Fan	98R1320200E	98R1320210E
RPM	3000	4500
dB	24.5	27
CFM	14.1	23.5
Dimension	60x60x20 mm	60x60x25mm

* Lower layer card max thickness: 12.97mm

** Lower layer card max length: 68mm

CPU Cooler (1U) : 1960053065N001



CPU Cooler (1.5U) : 1960053207N001

