

AIMC-3202

搭载Intel® Core™ i7/i5/i3处理器
Intel® H110芯片组
2 × 扩展插槽及
250W 80PLUS电源的微型计算机



特性

- 搭载Intel® 6/7代 Core™ i7/i5/i3/Celeron®处理器，配备Intel® H110芯片组
- 1 × PCIe x16和1 × PCIe x4 (AIMC-3202-01为1 × PCI) 扩展插槽
- 紧凑型设计，前面板I/O接口
- 1 × VGA+DVI-D，2 × 千兆网口，3 × USB 3.0，2 × 串口
- 2个2.5英寸内部防震SATA硬盘位
- 支持机箱入侵报警
- 250W 80PLUS电源，节能省电



规格

处理器	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
	核心数	4	4	2	4	4	2	4	4	2	4	4	2	2	2
	基础频率	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缓存	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
	芯片组	Intel® H110													
内存	BIOS	AMI 128Mb SPI Flash													
	技术	Dual-channel DDR4 1866/2133 MHz (non-ECC)													
	最大容量	32 GB (16 GB per DIMM)													
	插槽	2 x 260-pin SODIMM													
显示	集成芯片组	Intel® HD Graphics													
以太网	接口	2 x RJ45, 10/100/1000 Mbps													
	控制器	LAN 1: Intel® i219V LAN 2: Intel® i210AT													
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	数据传输速率	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接口	显示	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													
	串口	2 x RS-232													
	PS/2	1													
看门狗计时器	输出	System reset													
	间隔	Programmable 1 ~ 255 sec/min													
电源	输出额定值	AC 250W, ATX													
	输入电压	100 ~ 240 V _{AC}													
散热	系统风扇	2 (6 cm/14.1CFM)													
	空气滤网	Yes													
其他	机箱入侵报警	Yes													
	LED指示灯	Power, HDD													
	控制	Power on/off switch													
工作环境		Operating									Non-operating				
	工作温度	0 ~ 40 °C (32 ~ 104 °F)									-20 ~ 60 °C (-4 ~ 140 °F)				
	工作湿度	10-85% @ 40 °C non-condensing									10-95% @ 40 °C non-condensing				
	振动	1Gms, random, 5 ~ 500 Hz, 3 axes, 1 hr/axis									2Gms, random, 5 ~ 500 Hz, 3 axes, 1 hr/axis				
	冲击	10G, half sine wave, 11ms duration													
	电磁兼容	CE/FCC Class A, CCC, BSMI													
物理特性	安全	UL/CB, CCC, BSMI													
	尺寸 (宽 × 高 × 深)	232 x 90 x 232 mm (9.13" x 3.54" x 9.13")													
	重量	4.5 kg													

CPU操作系统及CPU散热器配置表

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	- Win10 IoT Enterprise (64-bit) - Linux	- Win10 IoT Enterprise (64-bit) - Win 8.1 Pro - Win 7 Professional - Linux	- Win10 IoT Enterprise (64-bit) - Linux	- Win10 IoT Enterprise (64-bit) - Win 8.1 Pro - Win 7 Professional - Linux
CPU Cooler	1960053207N001(1.5U)		1960053207N001(1.5U) 1970004537N001 (1U)	

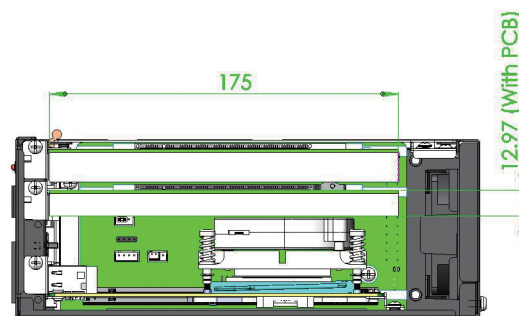
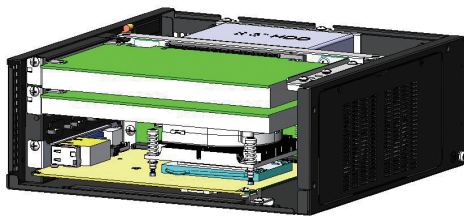
风扇对比表

CPU散热器	1970004537N001 (1U)	1960053207N001 (1.5U)
RPM	5500	4400
dB	55	43
CFM	11.83	45.09
System Expansion support	2*	2**
系统风扇	98R1320200E	98R1320210E
RPM	3000	4500
dB	24.5	27
CFM	14.1	23.5
Dimension	60x60x20 mm	60x60x25mm

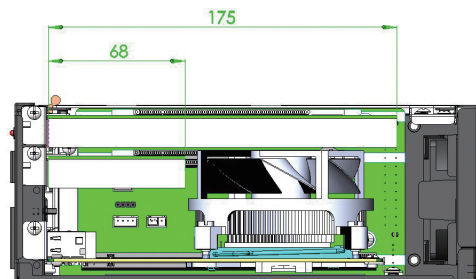
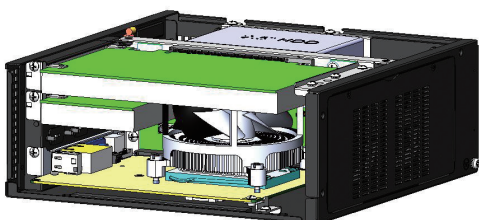
*下层卡最大厚度：12.97mm

** 下层卡最大长度：68mm

CPU Cooler (1U) : 1970004537N001

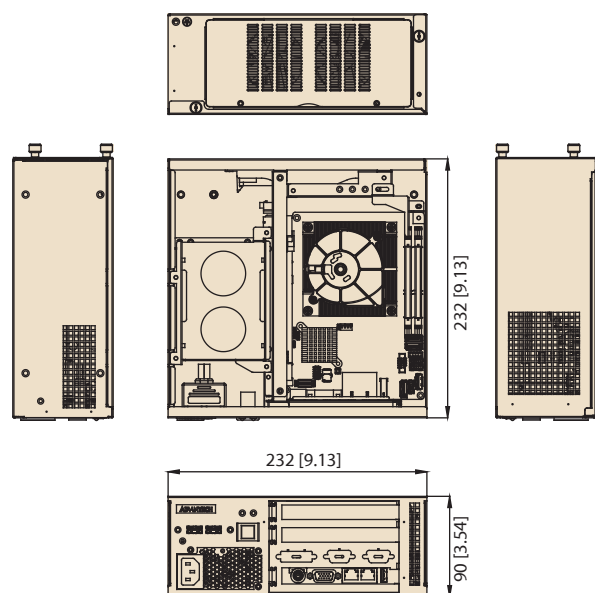


CPU Cooler (1.5U) : 1960053207N001



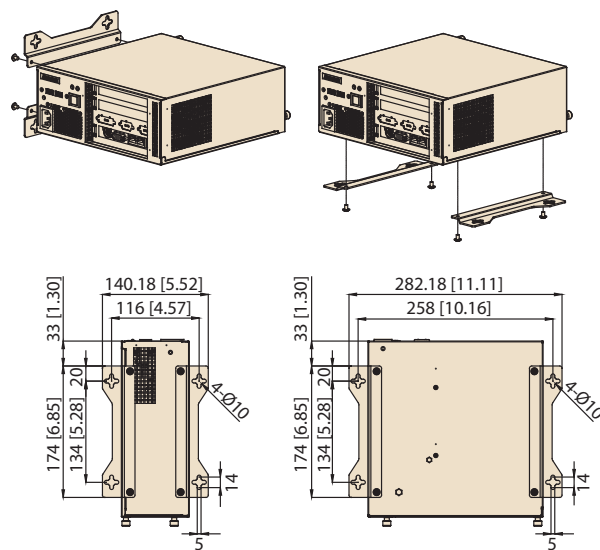
尺寸

单位: mm [inch]

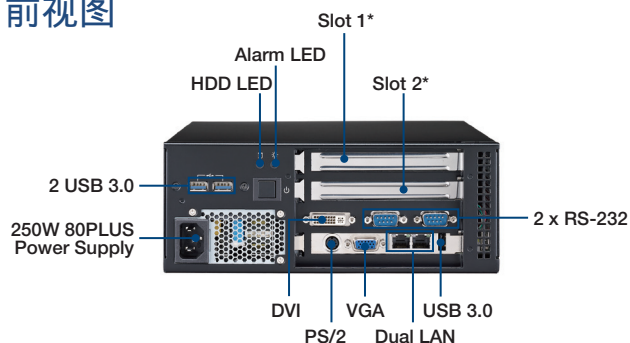


安装

单位: mm [inch]



前视图



便于更换风扇的后盖



订购信息

料号	VGA	DVI	USB 3.0	GbE	RS-232	PS/2	PSU	PCIe	PCI	散热器
AIMC-3202-00C2	1	1	3	2	2	1	250W	Slot 1 (x16) Slot 2 (x4)	-	1.5U/1U
AIMC-3202-01C2	1	1	3	2	2	1	250W	Slot 2 (x16)	Slot 1	1.5U/1U

包装清单

料号	描述	数量
AIMC-3202-1xC1	AIMC-3202 bare system	1
2061302902	Driver CD	1
1700003194	SATA cable	1
1700022749-11	SATA power cable	1
1700060202	PS/2 cable	1
1960014487T009	Mounting brackets	2
1990008871S000	2.5 HDD rubber	4
1990012452S000	Rubber Foot	4
1960056953N000	Hold down Bar Bracket	1
1700002223	LTP cable	1
2001320200	Startup manual(EN+CH)	1

可选配件

料号	描述
1960053207N001	1.5U cooler for all CPUs
1970004537N001	1U Cooler for 35W CPU
PCA-COM485-00A1E	4-port RS-485/422 module by LPC
PCA-COM232-00A2	4-port RS-232 module by LPC
PCA-AUDIO-HDB1E	Audio extension module with HD audio interface
PCA-TPM-00B1E	Trusted platform module compliant with TCG 2.0
98R1320210E	6025 fan module
98R1320200E	6020 fan module
1990005760T00B	Fan 70* 2 Filter

注：客户必须使用研华专用CPU散热器。其他品牌的CPU散热器是不兼容的。

嵌入式操作系统

料号	描述
2070015046	WES7P x64 10MUI
20706WE7ES0015	WES7E x64 4MUI