

AIMC-3405

Front Access Micro Computer,
Intel 10th Gen Core i CPU (LGA1200),
6 COM, 4 USB, and 2 Expansion slots



Features

- Desktop CPU computing performance with smart fan control
- Rich and single side I/O on the front for easy maintenance
- PCIe slots for add-on card expansion
- Dual 3.5" SATA HDD bays for large volume data storage
- 2-Pin Remote Switch connector suitable for IEM equipment remote access

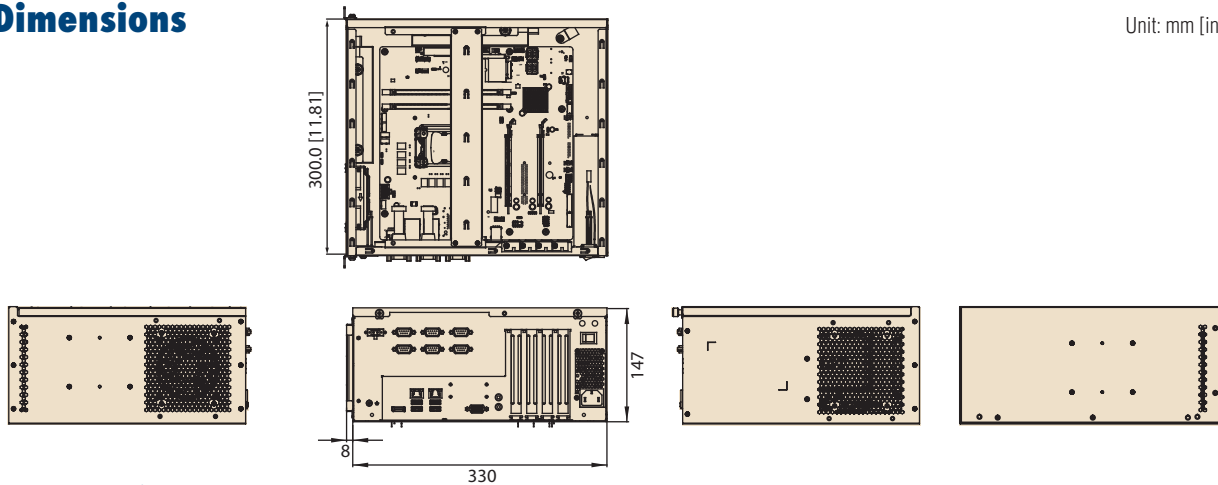


Specifications

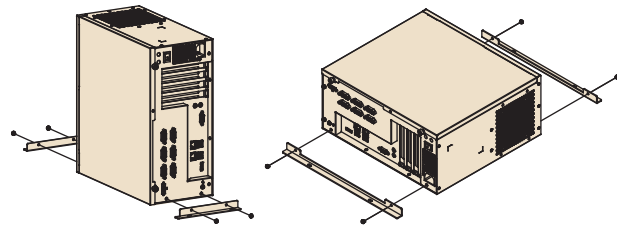
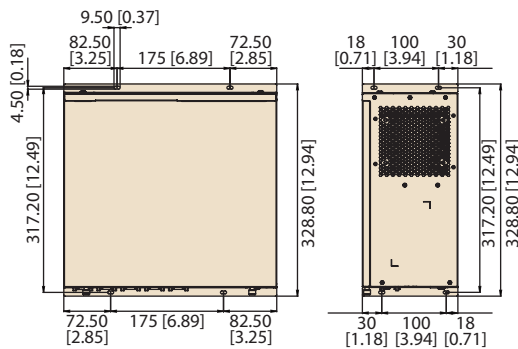
Processor System	CPU	i9-10900E/ i9-10900TE	i7-10700E/ i7-10700TE	i5-10500E/ i5-10500TE	i3-10100E/ i3-10100TE	G6400E/ G6400TE	G5900E/ G5900TE
	Core Number	10/10	8/8	6/6	4/4	2/2	2/2
	Base Frequency	2.8GHz/1.8GHz	2.9GHz/2.0GHz	3.1GHz/2.3GHz	3.2GHz/2.3GHz	3.8GHz/3.2GHz	3.2GHz/3.0GHz
	L3 Cache	20MB/20MB	16MB/16MB	12MB/12MB	6MB/6MB	4MB/4MB	2MB/2MB
	TDP (W)	65W/35W	65W/35W	65W/35W	65W/35W	58W/35W	58W/35W
	Chipset	H420E					
	BIOS	AMI EFI 256 Mbit SPI					
Memory	Technology	Supports Dual Channel DDR4 2933 (i9/i7 CPU) / 2666 (i5/i3 CPU) / 2400 (Pentium/ Celeron CPU)					
	Max. Capacity	64 GB, 32 GB per DIMM socket					
	Socket	2x 288pin U DIMM (Non-ECC)					
Graphics	Chipset Integrated	Integrated Intel HD Graphics					
	Display	1 VGA, Max. resolution 1920x1200 @ 60Hz 1 DP, Max. resolution 4096x2304 @ 60Hz Support dual display					
Expansion slot	PCI Express x16 (Gen 3)	1					
	PCI Express x4 (Gen 3)	1					
Ethernet	Interface	10/100/1000 Mbps					
	Controller	LAN 1: Intel I219LM LAN 2: Intel I210AT					
	Connector	2 RJ-45					
Drive bay	3.5" HDD (internal)	2 (SATA 3.0)					
I/O Interface	USB	4 USB 3.2 (Gen 1)					
	Serial	1 RS-232/422/485, 5 RS-232					
	Remote switch (on/off)	1 (2-pin terminal block connector)					
	Audio	1 Mic-in, 1 Line-out					
Power Supply	Output Rating	AC 250W, ATX					
	Input Voltage	100 V _{AC} ~ 240 V _{AC}					
Cooling	System Fan	1 (8cm / 46.62CFM)					
	Air Filter	Optional module					
Miscellaneous	LED Indicators	Power, HDD					
	Control	Power on/off switch, reset					
Environment		Operating				Non-operating	
	Temperature	0 ~ 40 °C (32 ~ 104 °F)				-20 ~ 60 °C (-4 ~ 140 °F)	
	Humidity	95% @ 40 °C, non-condensing				95% @ 60 °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	CCC					
	Safety	CCC					
Physical Characteristics	Dimension (WxHxD)	330 x 148 x 300 mm					
	Weight	6.3 kg					

Dimensions

Unit: mm [inch]



Installation



Ordering information

Part No.	VGA	DP	USB3.0	GbE	RS-232	PSU	PCIe Exp
AIMC-3405-00A1	1	1	4	2	6	250W	1x16 + 1x4

* USB could be extended to 10 ports with optional module

Packing List

Part Number	Description	Quantity
AIMC-3405	AIMC-3405 bare system	1
1960062229T000	FRONT TRANSPORT Bracket	2
1960065577T000	SHORT TRANSPORT Bracket	2

Optional Accessory

Part Number	Description
1700026162-01	Dual port USB 3.0 cable 30cm with IO bracket

CPU Cooler Option

Part Number	Description
1960053207N001	C.L R3 I-LGA1155 S-95W 92.9x92.9x46-SS 12V0.4A

Front View

AIMC-3405-00A1

