

ITA-360L

Fanless System with 12th/13th Generation Intel® Core™ i Processors for Traffic Management Application

NEW



Features

- Intel® 12th/13th generation Core™ i9/i7/i5/i3 Processors
- Support 2 x SO-DIMM slots, up to 64G DDR4
- Support 4 x 2.5G LAN, 4 x USB3.2, 4 x COM ports
- Support 1 x mSATA, 1 x M.2 B key
- Support wide temperature -25 ~ 60 °C
- Support 9 ~ 36V wide range DC input

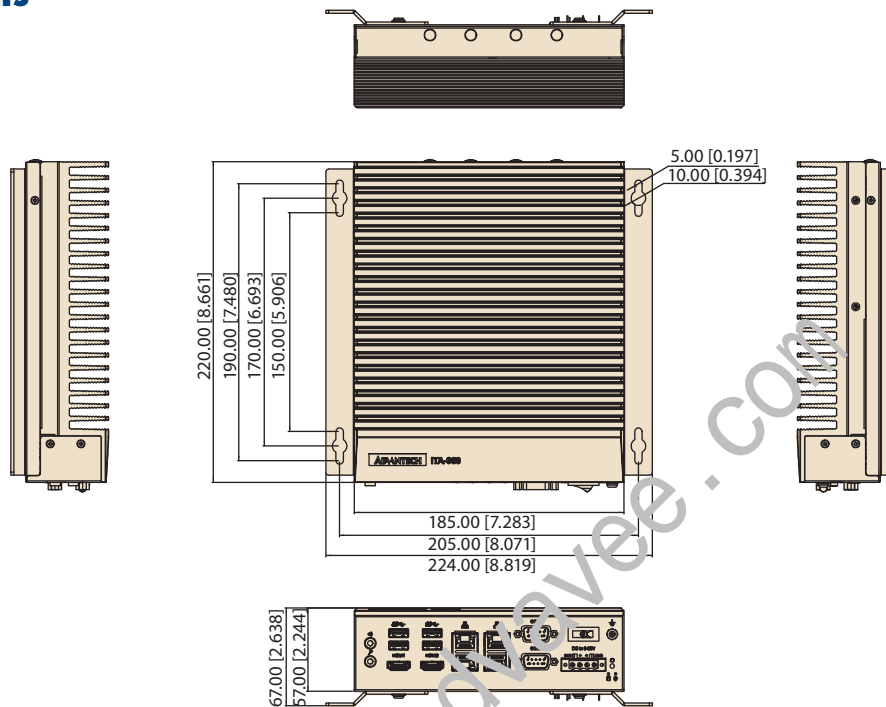


Specifications

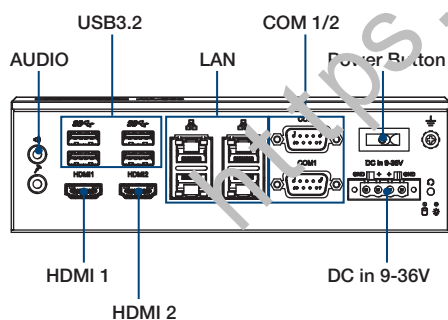
13th Processor System	CPU	i3-13100T(E)	i5-13500T(E)	i7-13700T(E)	i9-13900T(E)	i3-13100(E)	i5-13500(E)	i7-13700(E)	i9-13900(E)
	Total Cores	4	14	16	24	4	14	16	24
	Total Threads	8	20	24	32	8	20	24	32
	Performance-core Base Frequency (up to)	2.40 GHz	1.30 GHz	1.10 GHz	1.00 GHz	3.30 GHz	2.40 GHz	1.90 GHz	1.80 GHz
	L3 Cache	12 MB	24 MB	30 MB	36 MB	12 MB	24 MB	30 MB	36 MB
	TDP	35 W	35 W	35 W	35 W	60 W	65 W	65 W	65 W
	Operating Temperature	60/65W: -25 ~ 50 °C (with industry SSD, 0.7m/s airflow) 35W: -25 ~ 60 °C (with industry SSD, 0.7m/s airflow)							
12th Processor System	CPU	i3-12100T(E)	i5-12500T(E)	i7-12700T(E)	i9-12900T(E)	i3-12100(E)	i5-12500(E)	i7-12700(E)	i9-12900(E)
	Total Cores	4	6	12	16	4	6	12	16
	Total Threads	8	12	20	24	8	12	20	24
	Performance-core Base Frequency (up to)	2.10 GHz	1.90 GHz	1.40 GHz	1.10 GHz	3.20 GHz	2.90 GHz	2.10 GHz	2.30 GHz
	Cache	12 MB	18 MB	25 MB	30 MB	12 MB	18 MB	25 MB	30 MB
	TDP	35 W	35 W	35 W	35 W	60 W	65 W	65 W	65 W
	Operating Temperature	60/65W: -25 ~ 50 °C (with industry SSD, 0.7m/s airflow) 35W: -25 ~ 60 °C (with industry SSD, 0.7m/s airflow)							
Memory	Technology	Dual-channel DDR4 2400/2666/3200 MHz SO-DIMM (without ECC)							
	Capacity	Up to 64GB							
Graphics	Controller	Intel® UHD Graphics 770							
	HDMI	2 x HDMI, support HDMI1.4 standard, max to 3840 x 2160 @ 30Hz							
	DP	2 x Box Header on board							
	Display Option	3 x independent displays (third display output via optional cable)							
Ethernet	Interface	100/1000/2500 Mbps							
	Controller	4 x Intel I226							
	Connector	4 x RJ-45							
Storage	Internal	1 x mSATA socket 1 x M.2 B key for 2280 SATA SSD							
	I/O	USB	4 x USB3.2 (gen1)						
I/O	LAN	4 x RJ45							
	Serial Port	2 x DB9 (RS232/422/485 with automatic flow control)							
	M.2	1 x M.2 B key (SATA/ USB 3.0 signal) for 2280 SATA SSD or 3052 5G module							
	Audio	1 x Speaker out, 1 x Mic-in							
	Expansion Slot	Mini PCIe	1 x Mini PCIe & SIM slot						
Power	Input Voltage	9 ~ 36V DC							
	Output	System reset							
Watchdog Timer	Interval	Programmable 1~255 sec/min							
	Environment	Operating Temperature	Industry SSD: max to -25 ~ 60 °C (with 0.7m/s airflow)						
Mechanical Features	Storage Temperature	-40 ~ 85 °C							
	Dimension (W x H x D)	185 x 57 x 220 mm							
Certifications	Install	Wall mount bracket							
	EMC	CE/FCC, CCC, BSMI							
OS	Safety	UL, CCC, BSMI							
	Windows	WIN10, WIN11							
	Linux	Ubuntu & Fedora							

Dimensions

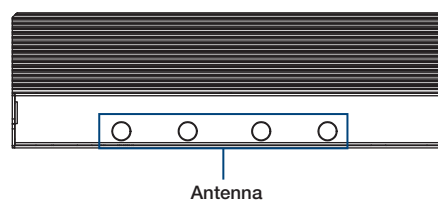
Unit: mm [inch]



Front View



Rear View



Ordering Information

Part Number	SO-DIMM slots (DDR4)	LAN (RJ-45)	USB3.2	COM	HDMI	M.2	SSD	Msata/MiniPCle
ITA-360LV1-00A1	2	4	4	2	2	1	0	1

Optional Accessory

Part Number	Description
96PSA-A230W24P4-3	ADP A/D 100-240V 230W 24V C14 TERMINAL BLOCK 4P

Packing List

Part Number	Description
1652003234	PLUG-IN BLOCK 4P 5.00mm 90D(F)MC101-50004Y
1960109429N001	Mounting Bracket for ITA-360 Powder 877C