

Features

- Intel 12-14th Gen Core i3 i5 i7 i9 processors
- Dual channel SO-DIMM DDR5 up to 64 GB
- VGA, HDMI, DP, Support Triple Display
- 1*PCIe 5.0 x16, 1xPCIe 4.0 x4, 2* PCI
- 3 x GbE LAN, 8 x USB, 6x COM
- DC 9-36V power input

Images



Above image is for representation purpose only. Real unit might look different

Specifications

Processor	CPU Intel® 12-14th generation Core™ i3/ i5/ i7 Series CPU	
	Chipset	Q670 /H610 Chipset – Socket LGA1700
	BIOS	AMI 128Mbit SPI Flash
	TDP	MAX. 65W
Memory	Technology	Dual channel DDR5
	Max capacity	64 GB
	Socket	2x SO-DIMM 288Pin
Graphics	Chipset	Intel UHD Graphics 770
Expansion	PCIe/PCI	1*PCIe 5.0 x16, 1xPCIe 4.0 x4, 2* PCI
	M.2 (E Key)	1 x M.2 2230 support Wi-Fi (Support both CNVI and PCIe protocol)
	M.2 (B Key)	1 x M.2 3052 B-Key support 4G/5G
	M.2 (B Key)	1 x M.2 2280 B-Key SATA3.0
Ethernet	Controller	GbE LAN 1-2: Intel I2110 GbE LAN 3: Intel I219 GbE LAN
	Speed	10/100/1000 Mbps
Storage	Drive Bay	2x SATA 3.0
I/O Interface	Display	VGA, HDMI, DP
	RJ-45	3 x RJ45
	USB	4x USB 3.0, 4xUSB2.0 (H610) or 6 USB3.0 (Q670)+2*USB 2.0
	Serial	COM 1: RS-232/422/485, COM 2&6: RS-232, COM 3~5: RS-232/485
	Audio	Line-out, Mic-in
	Other	Remote control
OS Support	Microsoft Windows	Win 10, Win 11
	Linux	centos 8, ubuntu 20.04/22.04/24.04
Power	Power	9-36V DC
		AT/ATX
Mechanical	Dimensions (W x H x L)	220 x 226 x 176 mm (L x W x H)
Environment	Operating Temp.	0 ~ 60 °C (32 ~ 122 °F)
	Storage Temp.	-40 ~ 85 °C (-40 ~ 185 °F)

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