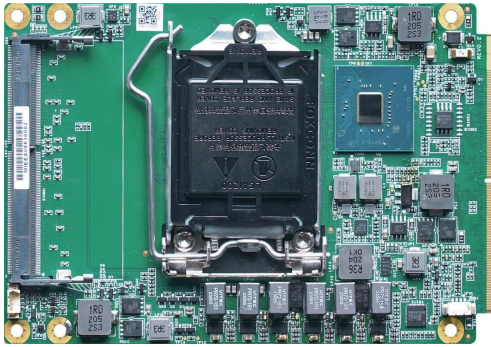




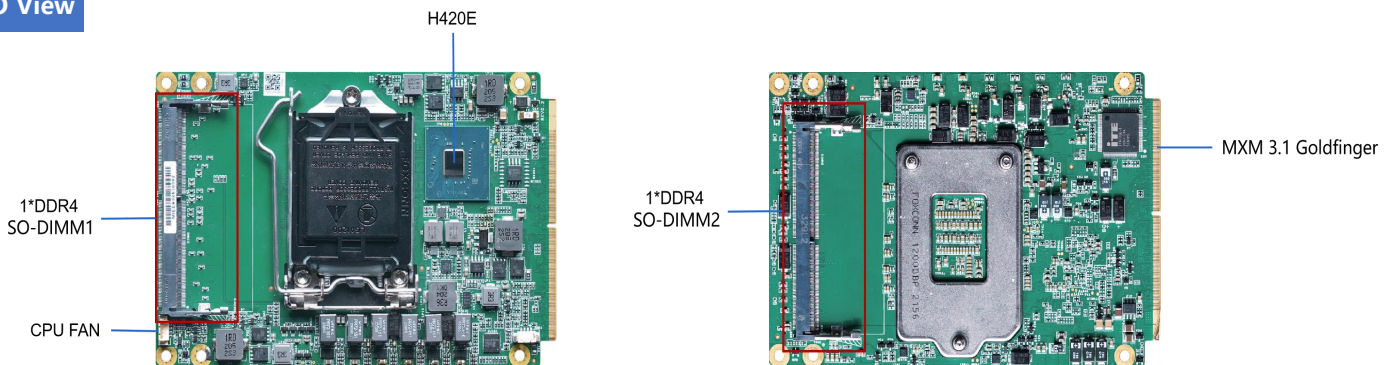
Key Features

- Intel® Comet lake-S CPU module
- Dual-channel DDR4 2933MHz, up to 128GB
- Intel® H420E chipset with long life cycle
- 2*DDI output, 1*eDP
- 5*PCIeX1, 1*PCIeX2
- 2*SATA, 6*USB3.2, 10*USB2.0, 1*HDA, 3*URAT, GPIO, 1*LPC
- DC IN 12V

Description

NODE-I973 powered by Intel® Comet lake-S CPU and Intel H420E chipset. supports dual-channel DDR4 2933MHz memory, up to 128GB. The size of the motherboard module is thin and small, which is an economical product with low power consumption and flexible expansion, suitable for industrial automation, security, environmental protection, logistics and warehousing management applications.

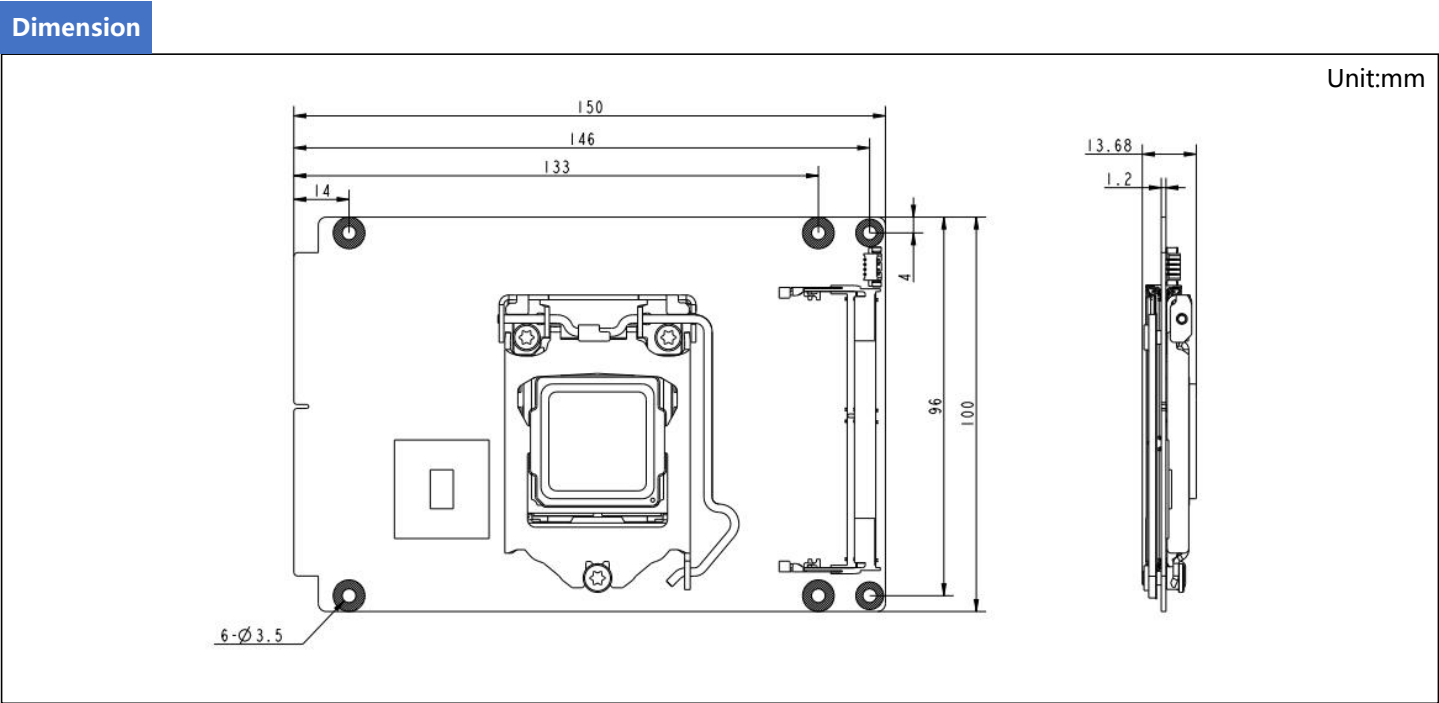
I/O View



SPEC.

CPU	Intel 10th Gen. Cometlake-S Core i9/i7/i5/i3/Celeron	
Memory	Dual channel DDR4 2*260-pin SO-DIMM, up to 2933MHz, 128GB	
Graphics	Intel® UHD Graphics 630 supports DirectX 12, OpenGL 4.5, and OpenCL 2.1 HDMI for 4K ultra HD display max. res. 4096*2160@30Hz, DP max. res. 4096 x 2304@60Hz, eDP max. res. 4096 x 2304@60Hz	
MXM 3.1 Goldfinger (281-Pin)	DDI	2
	eDP	1
	USB3.2	6
	USB2.0	10
	PCIeX1	5
	PCIeX2	1
	SATA	4
	LPC(eSPI)	1
	HDA	1
	SM BUS	1
	Legacy IO	1
	RTC	1
	UART	3
	GPIO	3
	F-Panel: Power SW/Reset/PW-LED/HDD-LED	

Power Supply	DC IN 12V
Watchdog Timer	Watchdog timeout programmable via software 1 to 255 second
OS Support	Windows 10 64bit, Windows 11 64bit, SUSE, Ubuntu, Wind River, Linux
Dimension	(W*H): 150*100mm
Operating temperature	0 ~ 60°C
Storage Temperature	-40°C~85°C
Storage Humidity	10~90%@40°C, Non-condensing
EMC/Certification	CE/FCC Class A



Ordering Info		
Module No.	CPU	Introduction
NODE-I973/S001	Intel® Comet lake-S	Intel Comet lake-S LGA1200 CPU+H420E PCH, 2*DDR4 2933MHz, 2*DDI, 1*eDP, 6*USB3.2, 10*USB2.0, 5*PCleX1, 1*PCleX2, RTC, 4*SATA, 1*HDA, SM BUS, Legacy IO, 1*SPI, 3*UART, 1*LPC, Power SW/Reset/PW-LED/HDD-LED, 3 bit GPIO, DC 12V power in