

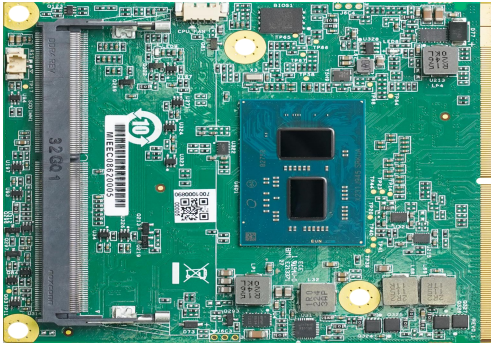
NODE-I719

Intel Elkhart lake Soc CPU module, supports single-channel DDR4 3200 MHz, up to 32GB. DC IN 12V.

JHCTECH

IoT Computer
Connecting the Dots

NODE Core Module



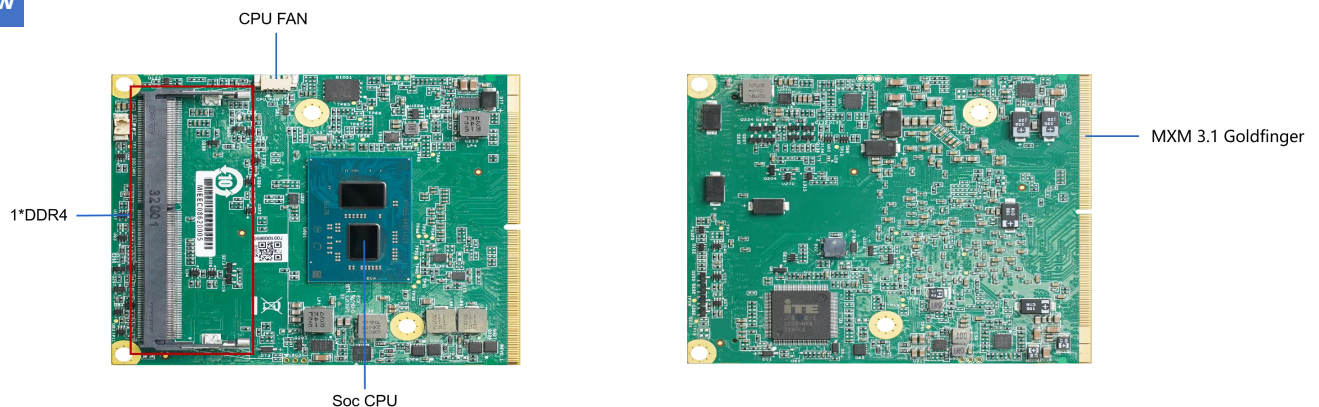
Key Features

- Intel Elkhart lake Soc CPU module
- Single-channel DDR4 3200MHz, up to 32GB
- 2*DDI output, 1*eDP
- 4*PCIeX1, 1*PCIeX2
- 2*SATA, 4*USB3.1, 10*USB2.0, 1*HDA, 4*UART, GPIO, 1*eSPI
- DC IN 12V

Description

NODE-I719 powered by Intel Elkhart lake Soc CPU, supports single-channel DDR4 3200MHz memory, up to 32GB. 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

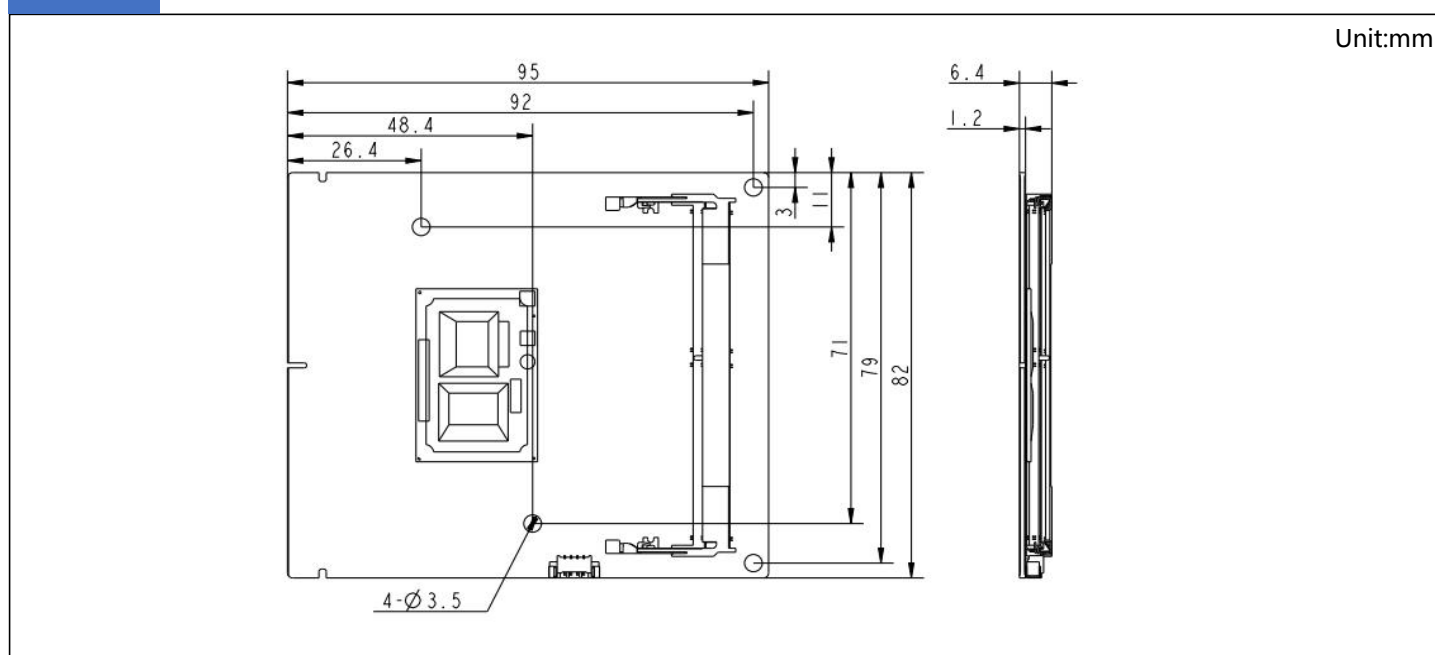


SPEC.

CPU	CPU	Celeron J6412	Celeron N6210
	Cores	4	2
	Total Threads	4	2
	Frequency	2.0~2.6 GHz	1.2~2.6 GHz
	TDP-up	10W	6.5W
Memory	Single channel DDR4 2*260-pin SO-DIMM, up to 3200MHz, 32GB		
Graphics	Intel® UHD Graphics for 10th Gen Intel® Processors Support for DirectX12.1, OpenGL and OpenCL DP 1.4 max. res. 4096x2160@60Hz, eDP max. res. 4096x2160@60Hz		
MXM 3.1 Goldfinger (281-Pin)	DDI	2	
	eDP	1	
	PCIeX1	4	
	PCIeX2	1	
	USB3.1	4	
	USB2.0	10	
	SATA(PCIeX1)	2	
	eSPI	1	
	HDA	1	
	SM BUS	1	
	Legacy IO	1	

	RTC	1
	UART	4
	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): 95*82mm	
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	

Dimension



Ordering Info

Module No.	CPU	Introduction
NODE-I719/S001	Intel® Celeron J6412	Intel Elkhart lake Soc CPU, 1*DDR4 3200MHz, 4*PCIeX1, 1*PCIeX2, 4*USB3.1, 10*USB2.0, 2*SATA, 1*HDA, Legacy IO, 1*eDP, 1*eSPI, 1*SPI, Power SW/Reset/PW-LED/HDD-LED, 2*DDI, RTC, 3 bit GPIO, SM BUS, 4*UART, DC 12V power in
NODE-I719/S002	Intel® Celeron N6210	