

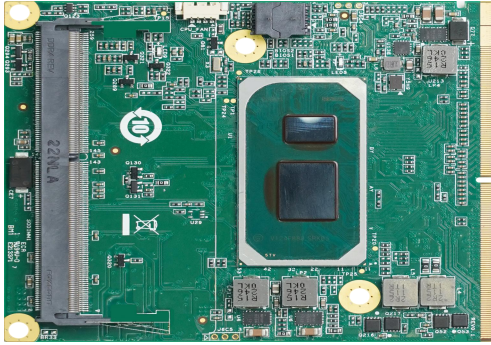
NODE-I914

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

JHCTECH

IoT Computer
Connecting the Dots

NODE Core Module



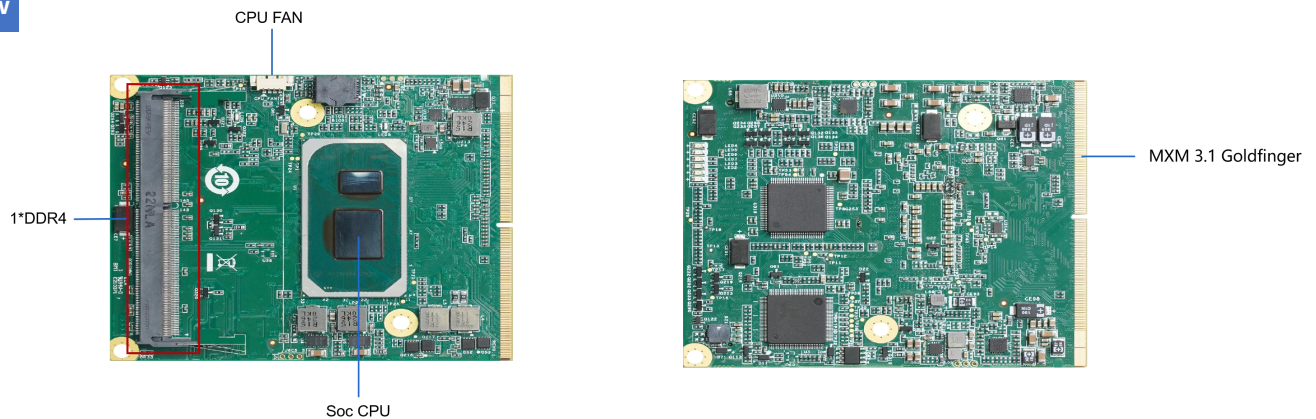
Key Features

- Intel® Tiger lake U Soc CPU module
- Single-channel DDR4 3200MHz, up to 32GB
- 2*DDI output, 1*eDP
- 4*PCIeX1, 1*PCIeX2, 1*PCIeX4
- 2*SATA 4*USB3.1, 10*USB2.0, 1*HDA, 4*UART, GPIO, 1*eSPI
- DC IN 12V

Description

NODE-I914 powered by Intel® Tiger lake U Soc CPU, supporting 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

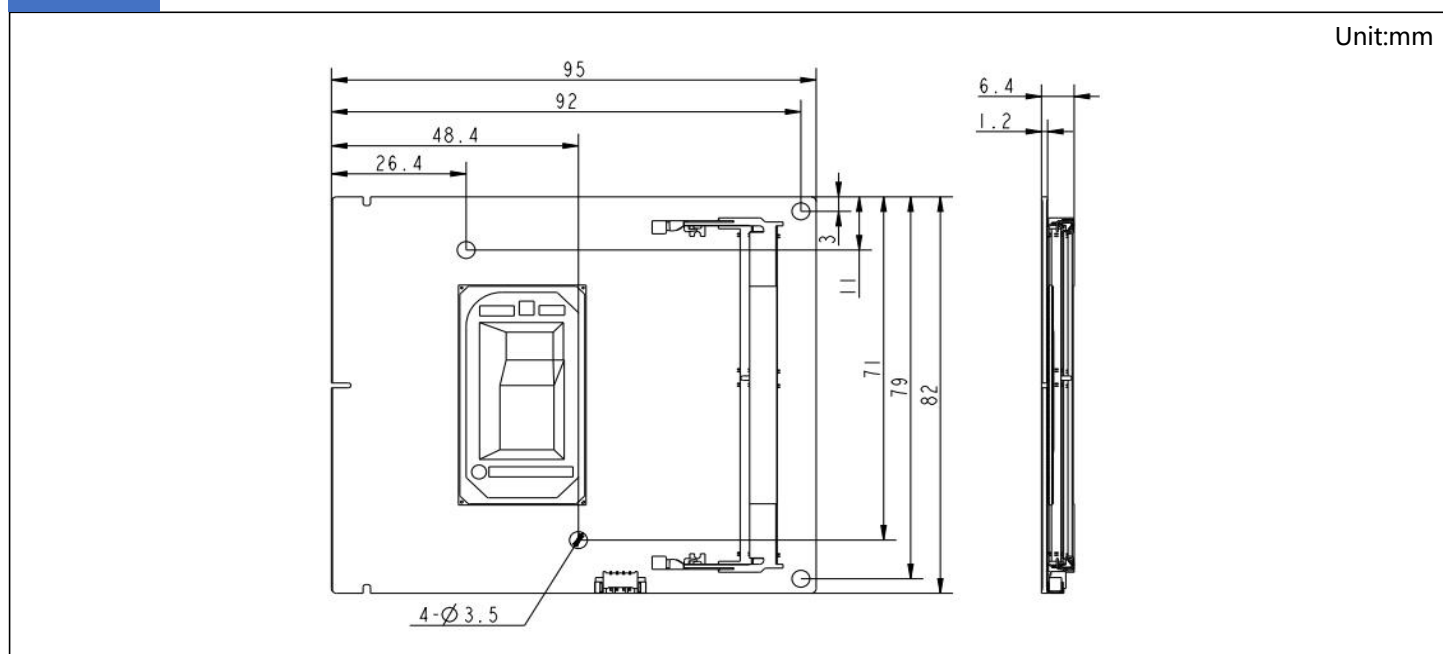


SPEC.

CPU	CPU	i7-1165G7	i5-1135G7	i3-1115G4	Celeron 6305E
	Cores	4	4	2	2
	Total Threads	8	8	4	2
	Frequency	2.8~4.7 GHz	2.4~4.2 GHz	3.0~4.1 GHz	1.8 GHz
	TDP-up	28W	28W	28W	15W
Memory	Single channel DDR4 260-pin SO-DIMM, up to 3200MHz, 32GB				
Graphics	Intel® Iris® Xe Graphics, Supports DirectX12.1 OpenGL 4.6 and OpenCL 3.0 HDMI 2.0 max. res. 4096x2304@60Hz, DP 1.4 max. res. 7680x4320@60Hz, eDP max. res. 4096x2304@60Hz				
MXM 3.1 Goldfinger (281-Pin)	DDI	2			
	eDP	1			
	USB3.2	4			
	USB2.0	10			
	PCIeX1	4			
	PCIeX2	1			
	PCIeX4	1			
	eSPI	1			
	SATA(PCIeX1)	2			
	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-I914/S001	Intel® Core I3-1115G4	Intel®Tiger lake U Soc Core I7/I5/I3/Celeron CPU, DDR4 3200MHz, 2*DDI, 1*eDP, 4*USB3.2, 10*USB2.0, 1*PCIeX2, 1*PCIeX4, RTC, 4*PCIeX1, 2*SATA, 1*eSPI, 1*HDA, 1*SPI, Legacy IO, SM BUS Power SW/Reset/PW-LED/HDD-LED, 3 bit GPIO, 4*UART, DC 12V power in
NODE-I914/S002	Intel® Core I5-1135G7	
NODE-I914/S003	Intel® Core I7-1165G7	
NODE-I914/S004	Intel® Celeron 6305E	