



Onboard Intel® Celeron® Quad-Core J6412



KEY FEATURES

- Onboard Intel® Celeron® Quad-Core J6412 CPU, TDP 10W
- Single SO-DIMM Socket, 4GB DDR4 by default, Max up to 32GB DDR4 3200MHz (non-ECC Supported)
- Dual Display, DP 1.4a + HDMI 2.0
- Dual Intel® Ethernet, 2.5GbE
- Support M.2 Key-B 3042 / 3052 4G / 5G Module
- Support M.2 Key-M 2242 / 2280 SATA SSD
- 4 x RS232 / 422 / 485 COM
- Wide DC-Input, +12V~24V ±5%

Product Specifications

Processor	Intel® Celeron® J6412 Processor (up to 2.60GHz)
System Memory	Single 260-pin DDR4 SO-DIMM Socket, 4GB DDR4 by default, Supports Up to 32GB DDR4 3200MHz (non ECC Supported)
I/O Chipset	Nuvoton NCT6126D
BIOS Information	AMI BIOS, 128M-bit SPI Flash ROM
Watchdog Timer	Programmable 1~255 sec, support system reset
TPM 2.0	Infineon_SLB9670VQ2.0
Expansion	1 x M.2(Key-B, 3042, PCIe x1+USB3.0), 1 x M.2(Key-M, M.2 SATA 2242/2280)
Storage	256GB M.2 SATA SSD (Upgradable to 1TB), 1 x SATA3.0
USB Port	3 x USB 3.2 GEN1 Type A, 1 x USB 2.0 Type A
COM Port	4 x RS232 / 422 / 485
SATA	1 x SATA3.0
Other	2 x LAN
Graphic Chipset	Intel® UHD Graphics for 10th Gen Intel® Processors
Spec. & Resolution	HDMI 2.0 Max resolution 4096x2160@60Hz, DP 1.4a Max resolution 4096x2160@60Hz
Multiple Display	Dual Display
Audio Codec	ALC897-VA2-CG
Audio Interface	Mic-In, Line-Out, 2-in-1 3.5mm audio jack
Certification Information	CE UKCA FCC Class B
LAN Chipset	2 x Intel® I226V
Ethernet Interface	2 x 10M/100M/1000M/2.5G Ethernet
LAN Port	2 x RJ-45
Operating Temperature	Operating Standard Temp: -10°C ~ 60°C
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Power Requirement	DCIN +12V-24V ±5%
Dimensions (L x W)	175 x 106 x 56.5mm
OS Information	Windows 11 Pro

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Intel® Elkhart Lake J6412



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