



Features

- Intel Celeron J6412 Processor
- Windows 11 Compatible
- Wall or DIN rail Mounting Options
- Wide Temperature Support
- Multiple Inputs and Outputs including Dual

Technical Specifications

Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412
Processor Speed	2.0 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x M.2 SATA3 2280 Slot, 1.8" Half Size MO297 SATA Drive Bay
Storage Support	M.2: 256GB-1TB, M0297: 16GB-128GB

External I/O Ports

USB	2x USB 3.2
Serial / Com	1x COM
Serial Protocol Detail	RS-232/422/485 (RS-232 Default)
Ethernet / LAN	1x RJ45 2.5 GbE LAN, 1x RJ45 GbE LAN
Video Outputs	1x DisplayPort, 1x HDMI
Audio Ports	1x 3.5mm Audio Line-Out
Power Input Port	3-Pin DC-In (Phoenix Type)

Power

Input Voltage Range	9-36V DC
Max Power Consumption	24W
Standard Power Adapter	US AC/DC 12V DC, 5A

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 IoT, Windows 11 Pro
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Compatibility

Security Hardware	TPM 2.0
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Expansion Slots

Internal M.2 1x M.2 2230 Key E (for WiFi expansion option)

Thermal & Environmental

Operating Temperature 0°C - 50°C (32°F – 122°F), -20°C - 60°C (Optional -4°F – 140°F)
Storage Temperature -40°C - 85°C (-40°F – 185°F)
Cooling Solution Passive – Fanless with Heatsink
Storage Humidity 10% – 90% Non-condensing

Enclosure

Material Aluminum Heatsink and Steel Chassis
Color Black
Control Buttons Power Button
Mounting Options DIN Rail Mount, Wall Mount

Weight / Dimensions

Weight 1.0 kg (2.2 lbs)
Dimensions 207 x 41.5 x 130 mm (8.1 x 1.6 x 5.1 in)

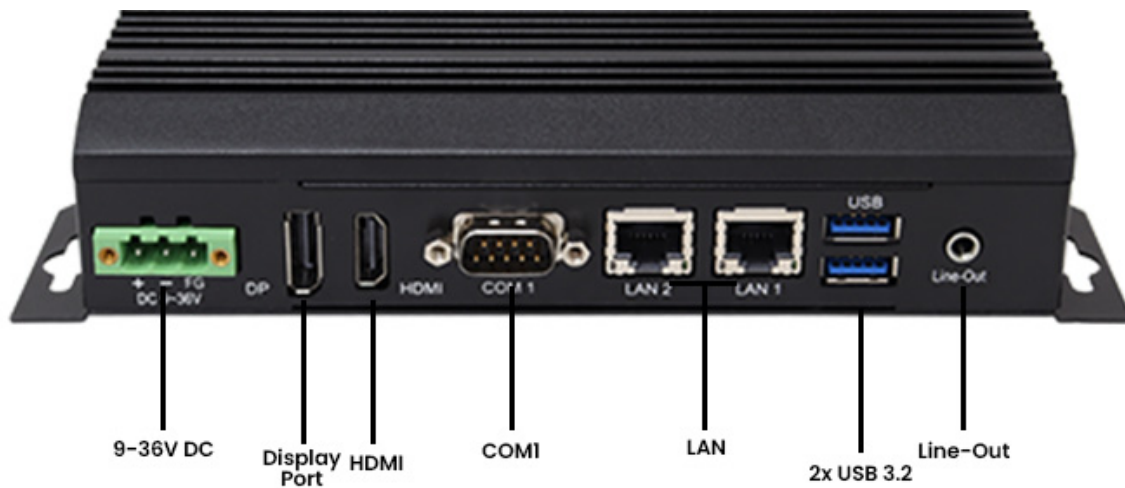
Certification

Certifications CE, FCC, IEC 61000-3-2 (EMC), IEC 61000-3-3 (EMC), UKCA

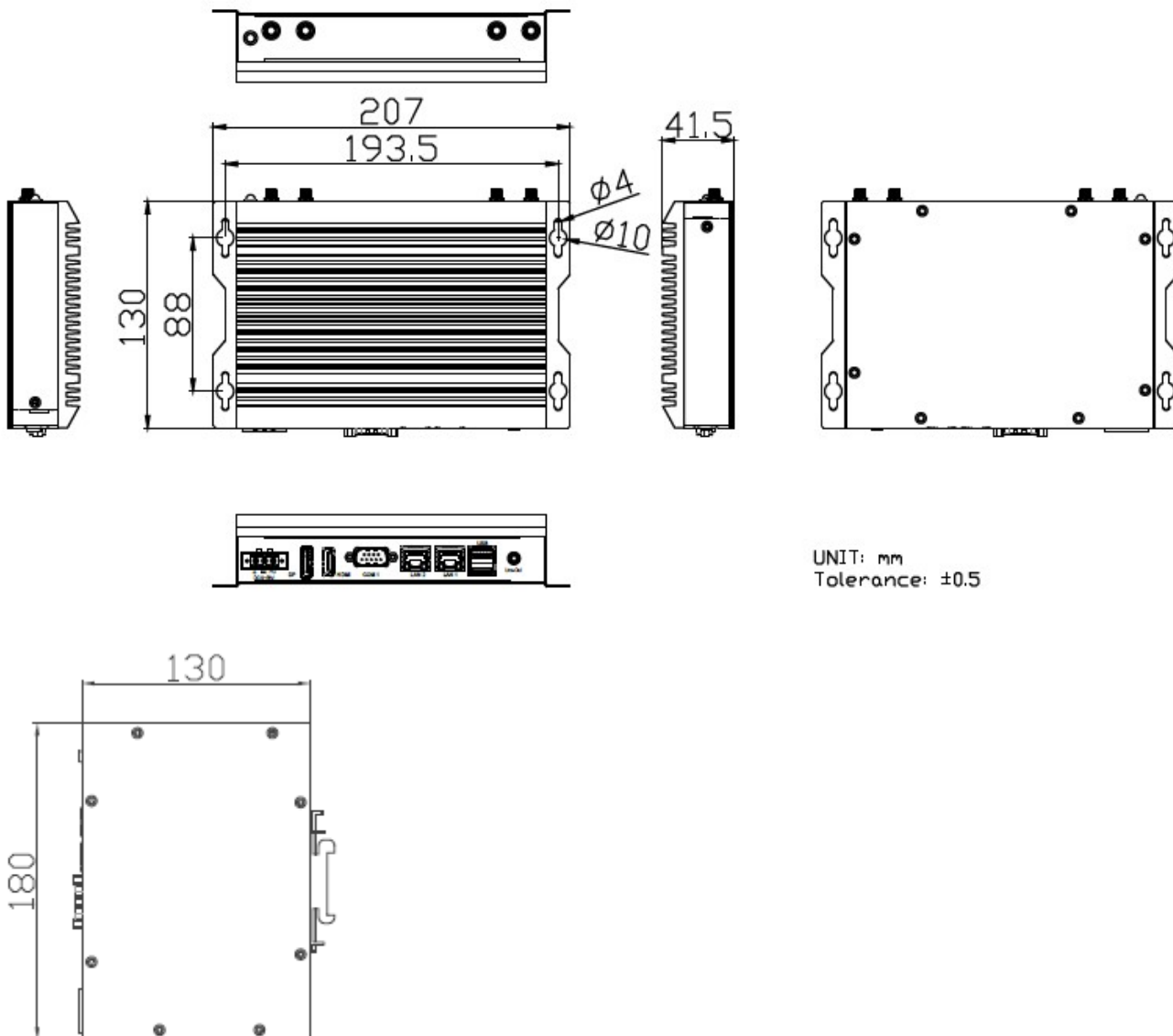
Warranty

Warranty Up to 5 Years

I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.