



Features

- Intel Celeron J6413 Processor
- Windows 11 Capabilities
- Fanless Cooling System
- Power over Ethernet, 2x LAN with 30W POE output
- Multiple Inputs and Outputs including 5x USB,

Technical Specifications

Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6413
Processor Speed	Up to 3.0 GHz, 1.8 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	32GB
Storage Type	1x M.2 SATA3 2242 Slot
Storage Support	M.2: 256GB-1TB

External I/O Ports

USB	1x USB 2.0 (Internal Type A on Motherboard), 2x USB 2.0, 2x USB 3.1
Serial / Com	2x COM
Ethernet / LAN	3x RJ45 GbE LAN, 2x with 30W POE out
Video Outputs	1x HDMI, 1x VGA
Other Ports	1x GPIO 8 bit
Power Input Port	3-Pin DC-In (Phoenix Type)

Power

Input Voltage Range	24V required if POE out is utilized
Max Power Consumption	80W
Standard Power Adapter	24Vdc, US AC power cord, 120W

Operating Systems

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

Security Hardware	fTPM 2.0
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Expansion Slots

Internal M.2 1x M.2 3042/3052 Key B (For 4G/5G Cellular expansion option)

Thermal & Environmental

Operating Temperature -20°C - 70°C (-4°F – 158°F)
Storage Temperature -40°C - 85°C (-40°F – 185°F)
Cooling Solution Passive – Fanless
Storage Humidity 10% – 90% Non-condensing

Enclosure

Material Aluminum
Color Black
Led Indicator Light HDD Access, Power
Mounting Options DIN Rail Mount

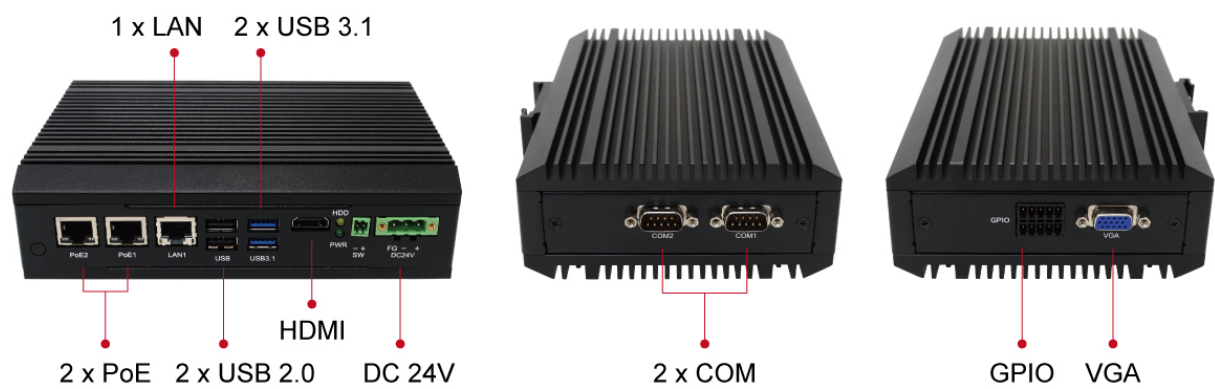
Weight / Dimensions

Weight 1.9 kg (4.2 lbs)
Dimensions 180 x 130 x 55 mm (7.1 x 5.1 x 2.2 in)

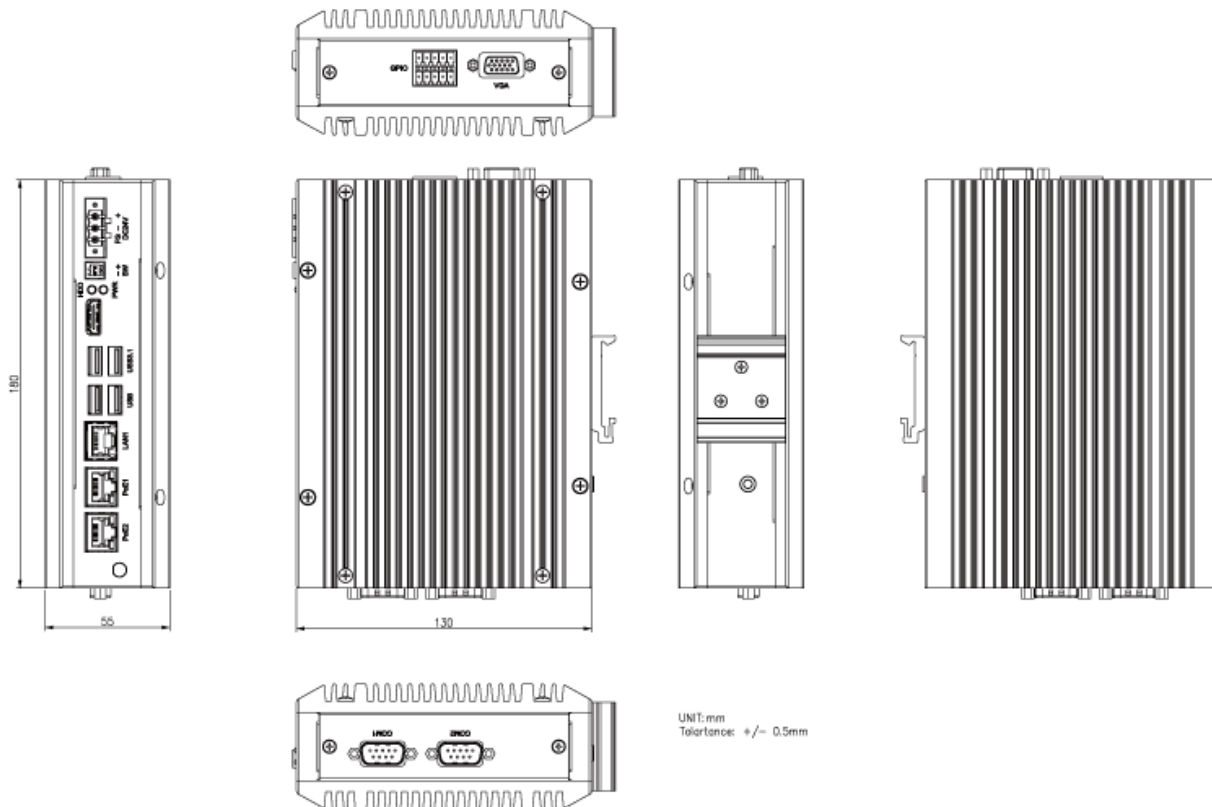
Certification

Certifications CE, EN 55032/55035 and CISPR 32/35, FCC, IEC 61000-3-2 (EMC), IEC 61000-3-3 (EMC), IEC 61000-4 (ESD), UKCA

I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.