



Features

- Intel Celeron J6412 Processor Passmark Rating 3850
- IP66/IP69K Stainless Steel Enclosure
- Optional WiFi 6
- M12 Input Connectors with Optional Cable Glands

Technical Specifications

Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412 Quad
Processor Speed	2.0 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x M.2 M Key, PCIe or SATA, 2242 default or 2280
Storage Support	64GB-1TB

External I/O Ports

USB	2x M12 8Pin for USB 1/2 and USB 3/4
Serial / Com	2x M12 8-pin for COM
Serial Protocol Detail	2x RS-232/422/485 (configured in BIOS)
Ethernet / LAN	1x M12 8pin RJ45 Gbe LAN
Other Ports	Cable Gland option allows for more IO options including USB 3.2 and Dual Video Output
Power Input Port	M12 type 5-PIN DC-in

Power

Input Voltage Range	12-28V DC
Max Power Consumption	35W
Standard Power Adapter	AC/DC Adapter, output 24V, 5A, 120W, IP68

Expansion Slots

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option), 1x M.2 3042/3052 Key B (For 4G/5G Cellular expansion option)
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Thermal & Environmental

Operating Temperature	0°C - 40°C (32°F – 104°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive – Fanless
Humidity Range	10% – 90% Non-condensing
Storage Humidity	10% – 90% Non-condensing

Enclosure

Material	Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66, IP69K
Color	Silver, Stainless Steel
Mounting Options	Wall Mount

Weight / Dimensions

Weight	6 kg kg (13.2 lbs)
Dimensions	363 X 274 X 48 mm (14.3 in)

Certification

Certifications	ANSI C63.4, CE, EN 55032/55035 and CISPR 32/35, FCC Class A, IEC 61000-3-2 (EMC), IEC 61000-3-3 (EMC), VCCI
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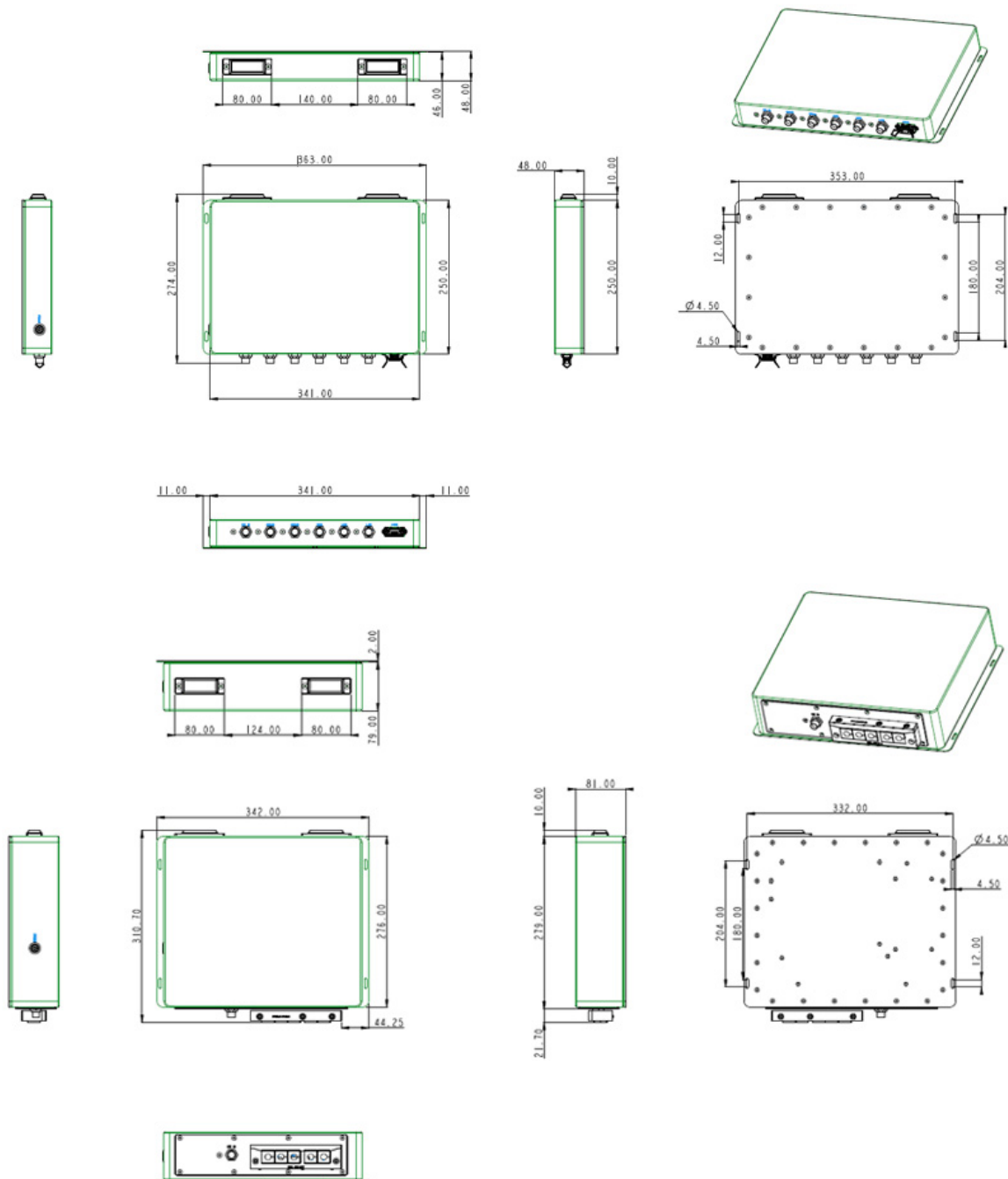
Warranty

Warranty	Up to 5 Years
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I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.