

Features



- Intel Quad-Core Celeron J1900 CPU
- Wide Operating Temp (-20°C – 70°C)
- DIN Rail Mountable
- Fanless, Rugged Housing

Technical Specifications

Primary Components

Processor Family	Intel Celeron Bay Trail
Processor Model	J1900 Quad Core
Processor Speed	2.0 GHz
Memory Type	1x DDR3L SO-DIMM
Memory Support	4GB, 8GB
Storage Type	mSATA, 1x 2.5" SATA Drive Bay for SSD/HDD
Storage Support	32GB-2TB

External I/O Ports

USB	1x USB 2.0, 1x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232/422/485 DB-9 (COM1), 1x RS-232 DB-9 (COM2)
Ethernet / LAN	3x RJ45 GbE LAN
Video Outputs	1x HDMI, 1x VGA
Other Ports	2 LAN ports support POE out (802.3af-combined 50W budget), 1x 8-bit GPIO (4x DI, 4x DO)
Audio Ports	1x Audio Line-Out
Power Input Port	2-Pin Power Switch, 3-Pin DC-In (Phoenix Type)

Power

Input Voltage Range	9-36V DC, 24V required if POE out is utilized
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Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 7 Pro
Linux	Linux (Contact your sales rep for more information)

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 with Heatsink
Humidity Range	10% – 90% Non-condensing
Storage Humidity	10% – 90% Non-condensing

Enclosure

Material	Titanium Aluminum
Color	Black, Gray
Mounting Options	DIN Rail Mount

Weight / Dimensions

Weight	1.85 kg (4.1 lbs)
Dimensions	180 x 130 x 39.5 mm (7.1 x 5.1 x 1.6 in)

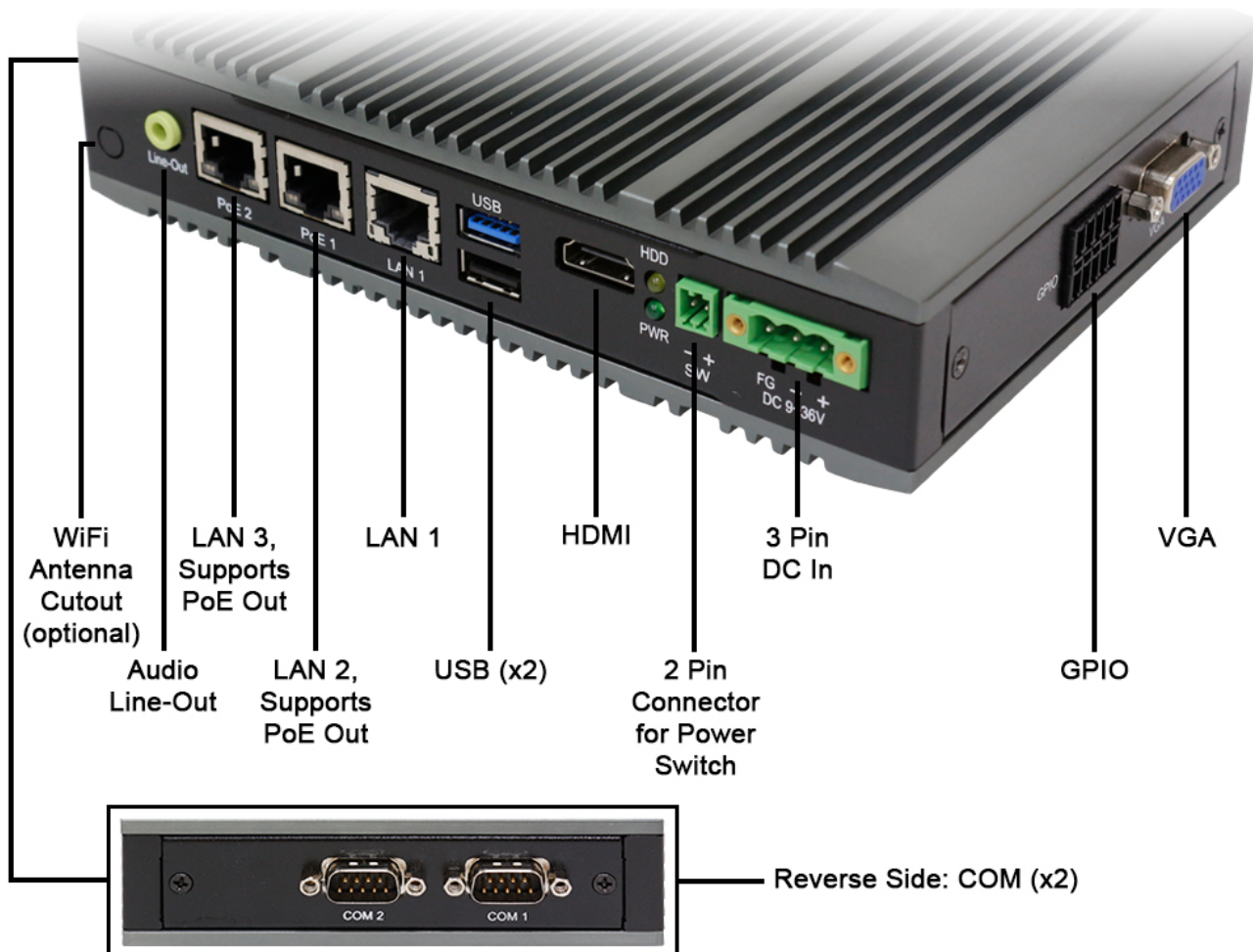
Certification

Certifications	ANSI C63.4, CE, FCC Class A, IEC 61000-3-2 (EMC), IEC 61000-3-3 (EMC), IEC 61000-4 (ESD)
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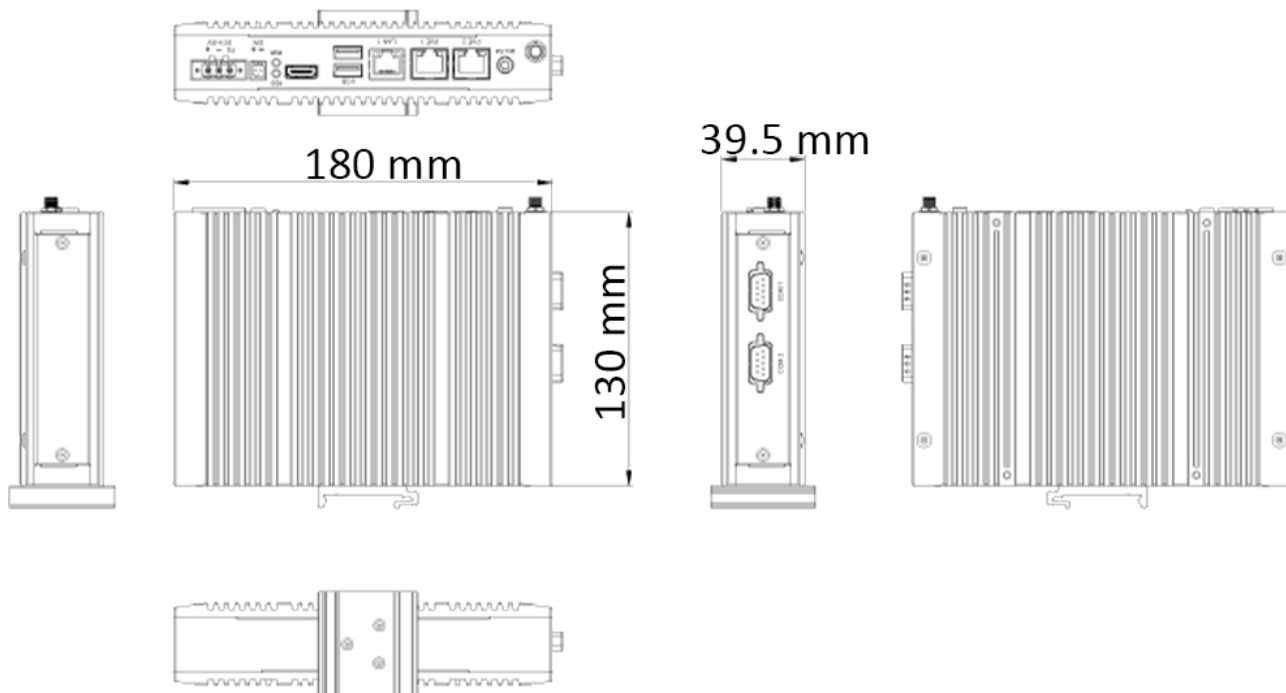
Warranty

Warranty	Up to 5 Years
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I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.