

Features



- Intel Celeron J1900 CPU
- Wall Mountable, Compact Form Factor
- Fanless, Rugged Housing
- Wide Operating Temp (-20°C – 70°C)

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	1x 2.5" SATA Drive Bay for SSD/HDD, mSATA
Storage Support	32GB-2TB

External I/O Ports

USB	2x USB 2.0, 2x USB 3.0
Serial / Com	4x COM
Serial Protocol Detail	Com1 configurable in BIOS RS-232/422/485; Com2 RS-232; COM3 and 4 RS-485 only
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x HDMI, 1x VGA
Other Ports	OPTIONAL: 1x 8-bit GPIO (4x DI, 4x DO)
Power Input Port	2-Pin Power Switch, 3-Pin DC-In (Phoenix Type)

Power

Input Voltage Range	9-36V DC
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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)

Compatibility

Security Hardware	Optional TPM 2.0
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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
Control Buttons	Power Button
Mounting Options	Wall Mount

Peripherals & Wireless Connectivity

WiFi	Optional WIFI via mPCIe expansion
Bluetooth	Optional Bluetooth 4.0
Mobile Network 4G LTE	Optional Cellular data via mPCIe expansion
Sim Card	1x SIM Card Slot

Weight / Dimensions

Weight	1.05 kg (2.3 lbs)
Dimensions	180 x 130 x 35.5 mm (7.1 x 5.1 x 1.4 in)

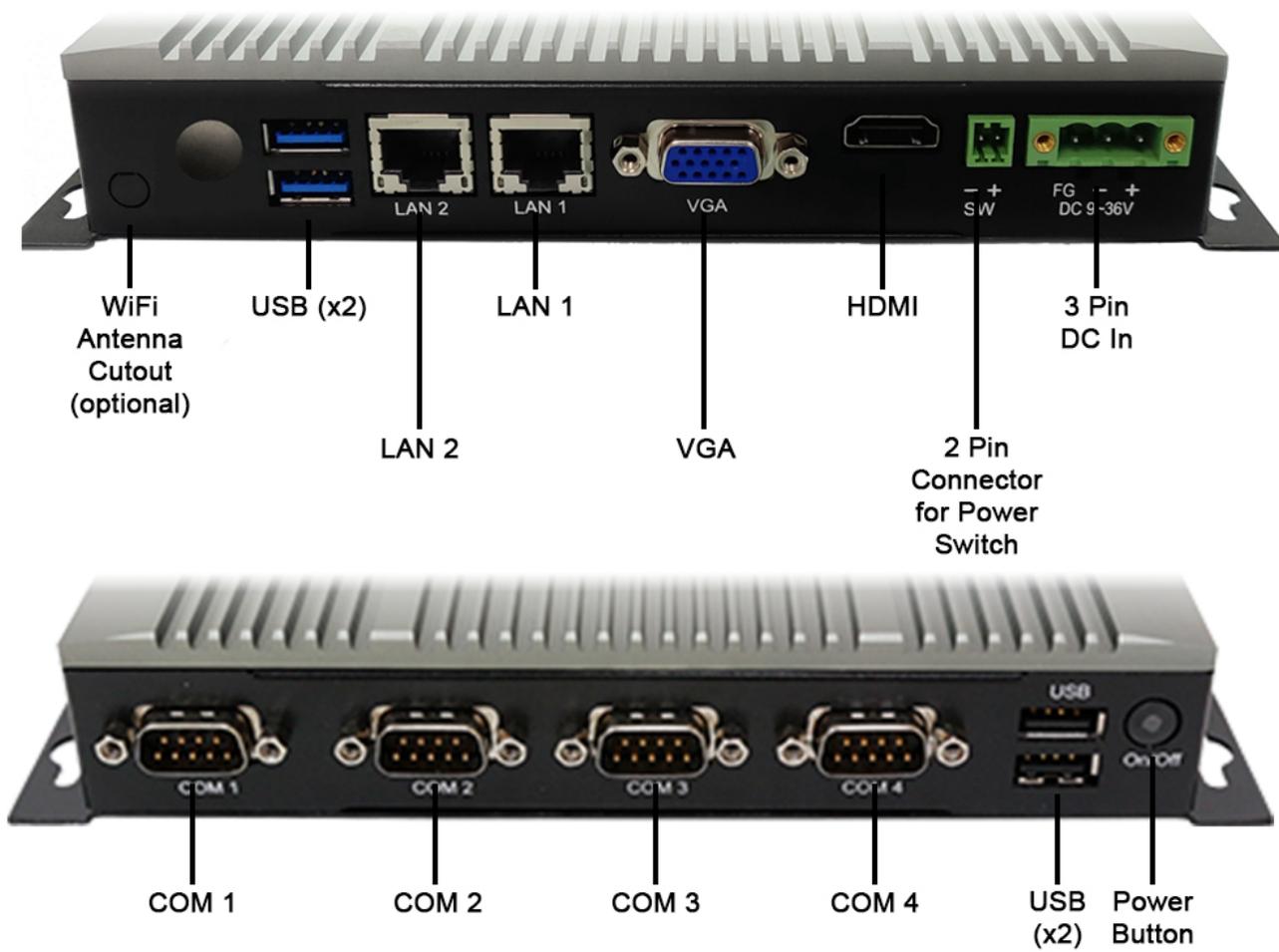
Certification

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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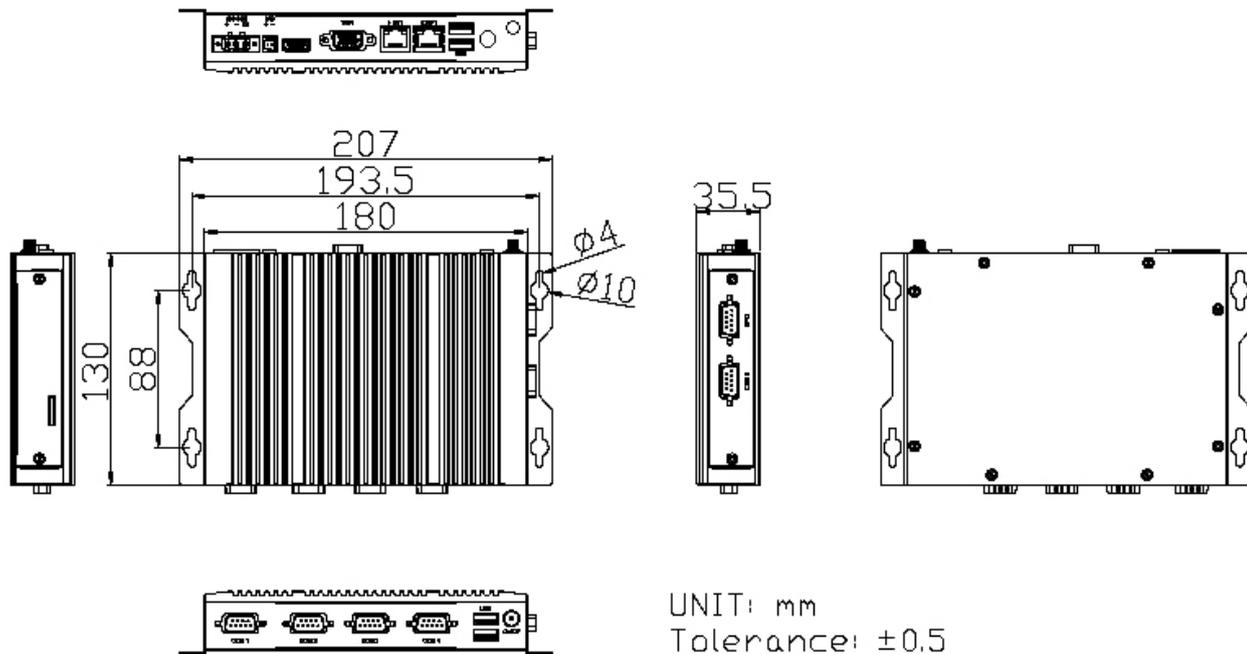
Warranty

Warranty	Up to 5 Years
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I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.