

Features



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

Technical Specifications

General

Main Category Industrial Computer

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

Display

Touch Screen

Expansion Slots

Internal Mini PCIe 1x Mini-PCIe

Multimedia

Thermal and Environmental

Operating Temperature Array (-4°F – 158°F)
Storage Temperature Array (-40°F – 185°F)
Humidity Range 10% – 90% Non-condensing
Storage Humidity 10% – 90% Non-condensing
Cooling Solution Passive – Fanless with Heatsink

Enclosure

Material Titanium Aluminum
Color Black, Gray
Control Buttons Power Button
Mounting Options Wall Mount

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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Battery

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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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

Dimensions / Weight

Weight	1.05 KG (2.3 lbs)
Dimensions	180x130x35.5 mm (7.1 x 5.1 x 1.4 in)

Certification

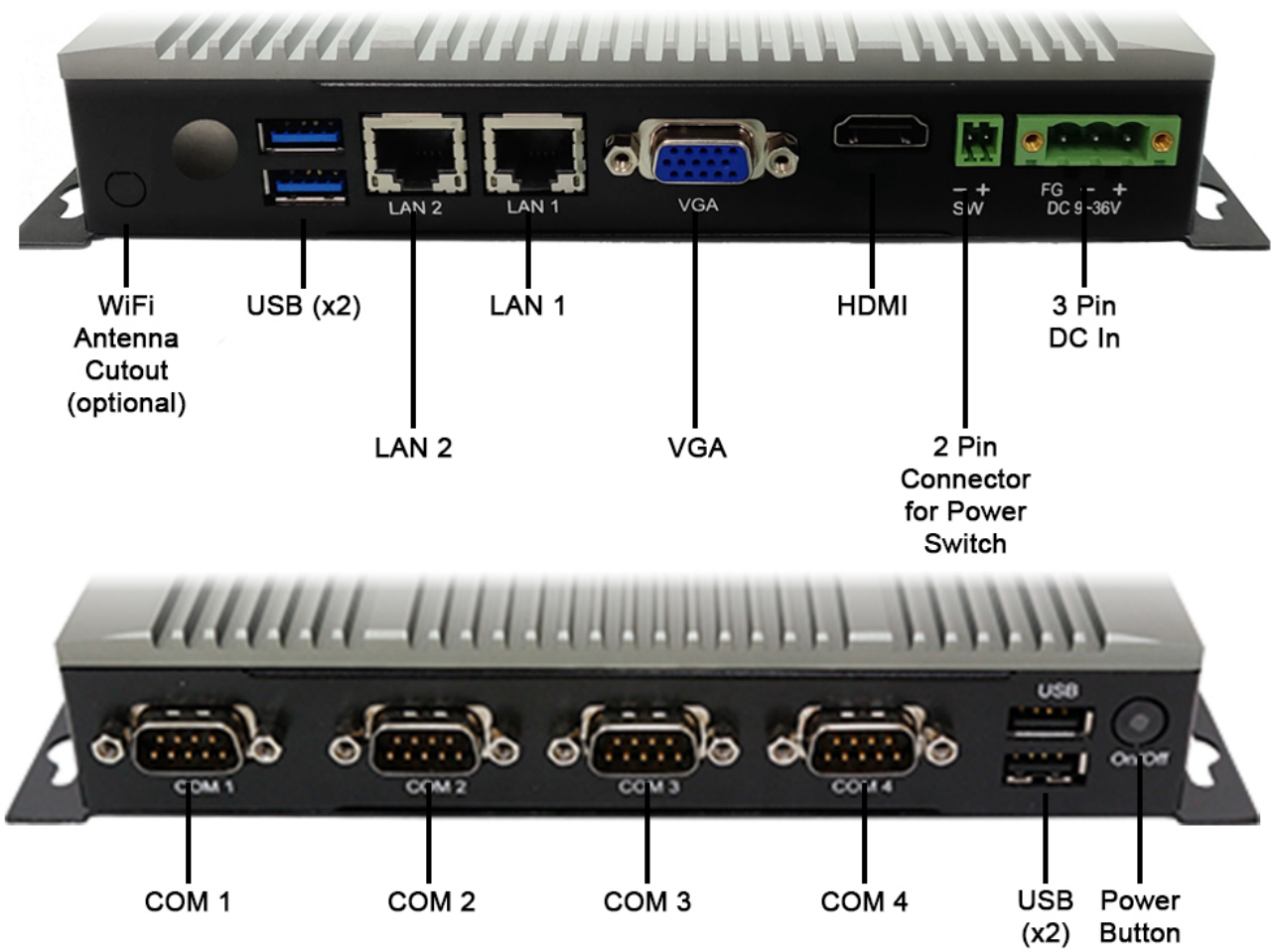
Warranty

Warranty	Up to 5 Years
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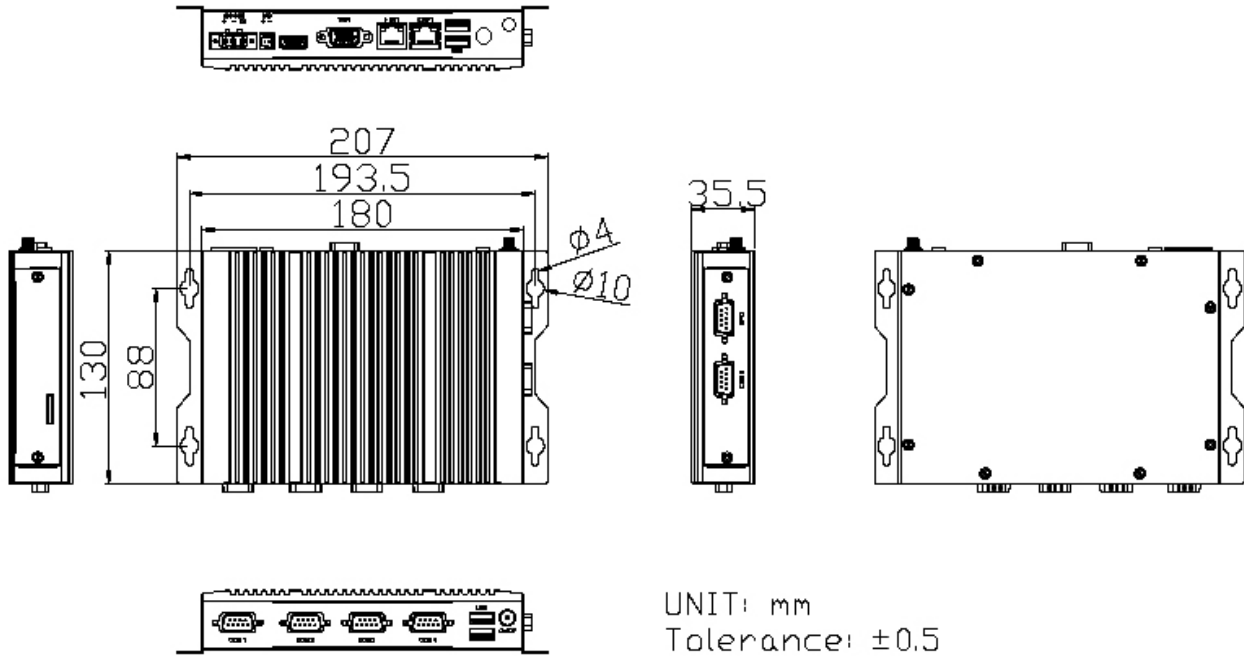
Filters

Main Category Filter	Industrial Computer
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Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.