

Features

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

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
Mounting Options	DIN Rail Mount

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	1x Audio Line-Out
Power Input Port	2-Pin Power Switch, 3-Pin DC-In (Phoenix Type)

Peripherals & Wireless Connectivity

Power

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

Dimensions / Weight

Weight	1.85 KG (4.1 lbs)
Dimensions	180x130x39.5 mm (7.1 x 5.1 x 1.6 in)

Battery

Certification

Operating Systems

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

Warranty

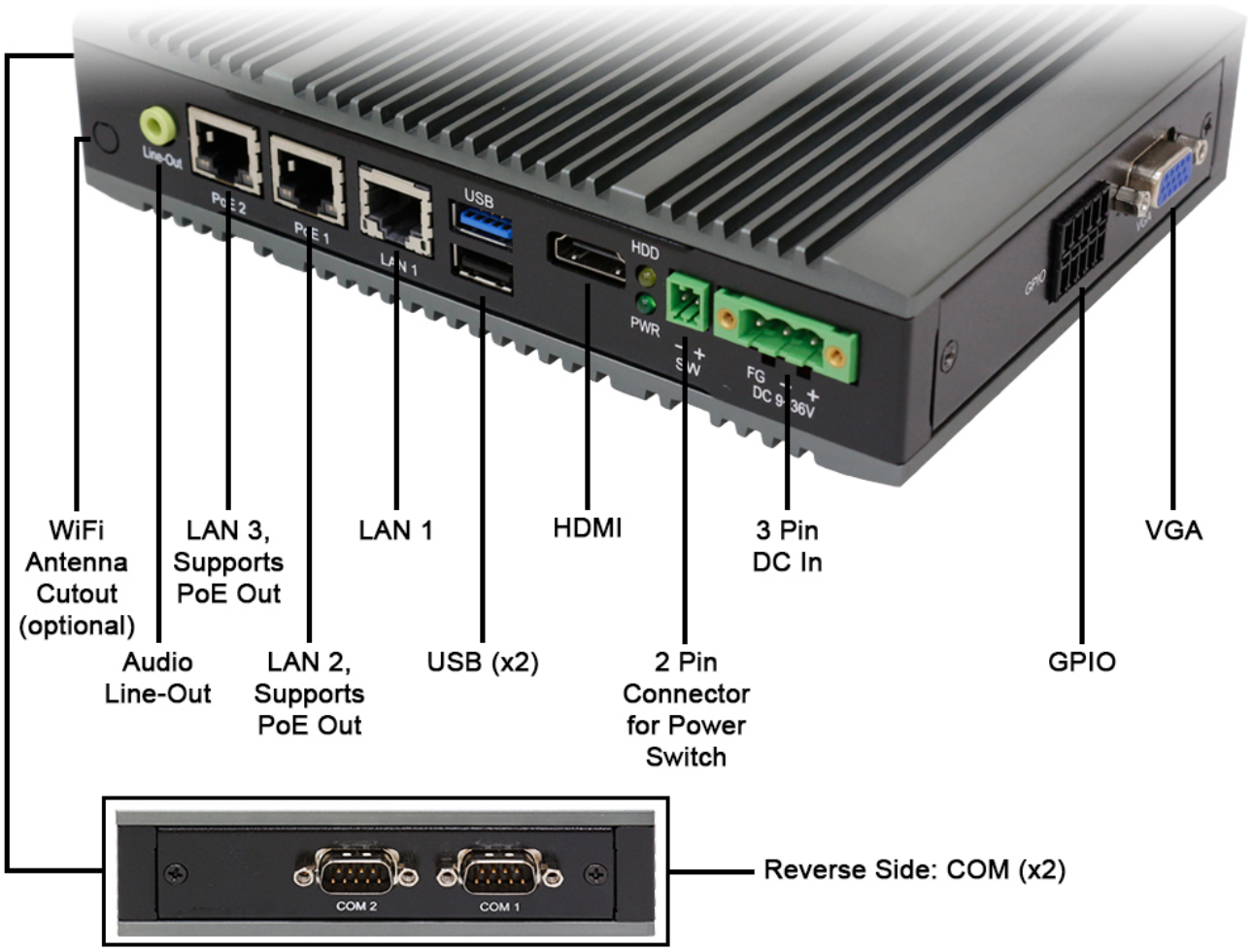
Warranty	Up to 5 Years

Compatibility

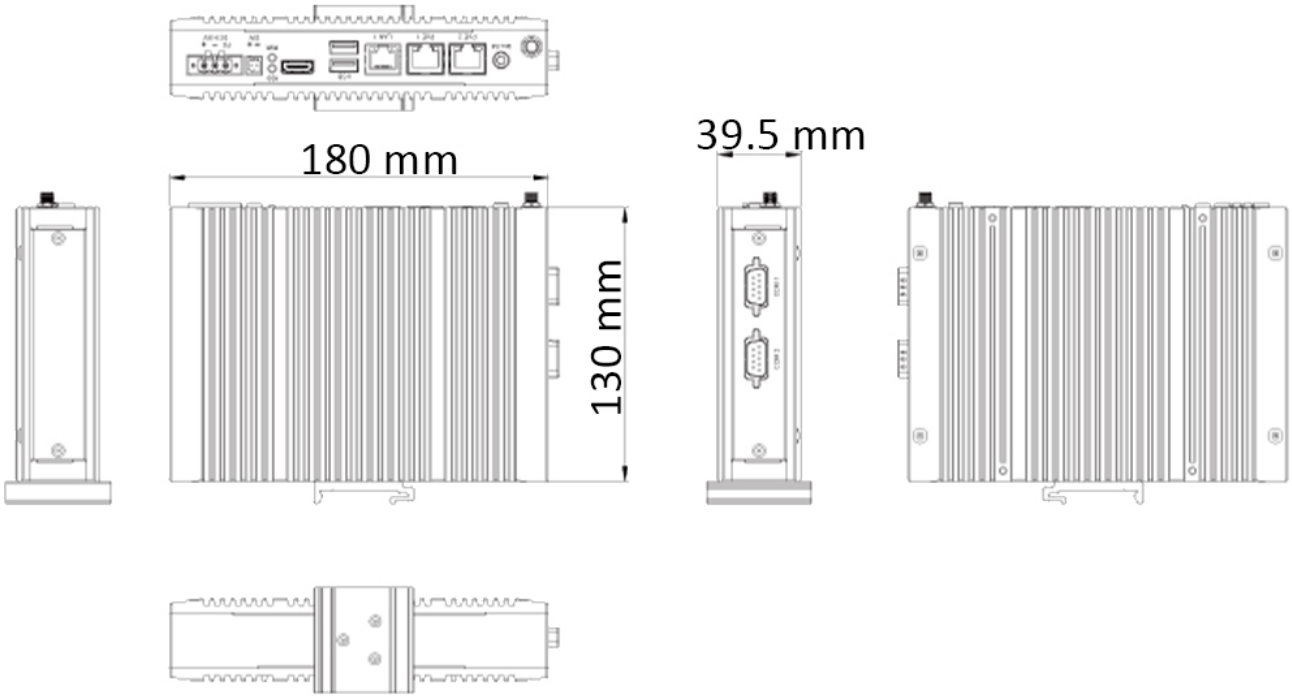
Filters

Main Category Filter	Industrial Computer

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.