

Features

- 15" XGA Display with 1024 x768 Resolution
- Bay Trail Celeron J1900 Quad-Core CPU
- Highly Reliable Thermal Design for 24/7 Use
- Resistive Touchscreen with IP66 Front Bezel
- 2 Mini PCIe Sockets for add-on Expansion

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	2x DDR3L SO-DIMM
Memory Support	2GB, 4GB, 8GB
Storage type	1x 2.5" SATA Drive Bay for SSD/HDD
Storage support	32GB-1TB

Display

Screen Size	15"
Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	400 nits
Contrast Ratio	600:1
Viewing Angle	160º (H), 160º (V)
Number of Colors Supported	16.7M

Touch Screen

Touch Screen	Projected Capacitive, Resistive

Expansion Slots

Internal Mini PCIe	2x Mini-PCIe

Multimedia

Thermal and Environmental

Operating Temperature	Array (32°F – 122°F)
Storage Temperature	Array (-4°F – 149°F)
Humidity Range	10% – 90% Non-condensing
Cooling Solution	Passive – Fanless with Heatsink

Enclosure

Material	Aluminum, Steel, Optional Stainless Steel Bezel
Ip Rating	IP66 Front Bezel
Mounting Options	Panel Mount, VESA Mount

External I/O ports

USB	3x USB 2.0, 1x USB 3.0
Serial / Com	3x COM
Serial Protocol Detail	2x RS-232, 1x RS-232/422/485 (RS485 supports auto flow control)
Ethernet / LAN	2x RJ45 GbE LAN
Audio	1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack
Power Input Port	4-Pole DIN (latching)

Peripherals & Wireless Connectivity

WiFi	Optional WLAN

Power

Input Voltage Range	7-32V DC
Max Power consumption	29.9W
Standard Power Adapter	AC 90~264V / 47~63Hz / DC Output 12V, 57W

Dimensions / Weight

Weight	5.5 KG (12.1 lbs)
Dimensions	398 x 330 x 58 mm (15.7 x 13.0 x 2.3 in)

Battery

Certification

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 7 Pro

Warranty

Warranty	Up to 5 Years

Compatibility

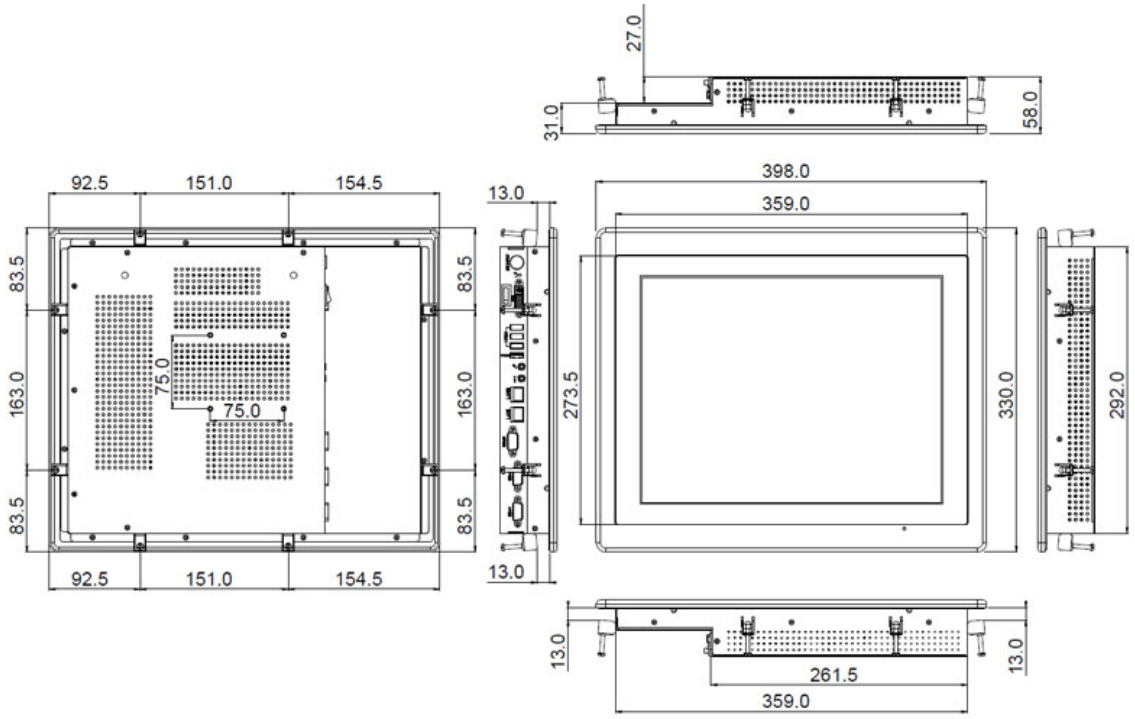
Security Hardware	Optional TPM 2.0

Filters

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.