



Features

- 12" Display with 800 x 600 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 12"
 Resolution 800 x 600 (SVGA)
 Screen Ratio 4:3
 Brightness 450 nits
 Contrast Ratio 700:1
 Viewing Angle 160° (H), 140° (V)
 Number of Colors Supported 16.7M

Touch Screen

Touch Screen 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)

Power

Input Voltage Range	7-32V DC
Max Power consumption	28.2W
Standard Power Adapter	AC 90~264V / 47~63Hz / DC Output 12V, 57W

Battery

Operating Systems

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

Compatibility

Security Hardware	Optional TPM 2.0
-------------------	------------------

Peripherals & Wireless Connectivity

WiFi	Optional WLAN
------	---------------

Dimensions / Weight

Weight	4.5 KG (9.9 lbs)
Dimensions	369 x 290 x 55 mm (14.5 x 11.4 x 2.2 in)

Certification

Warranty

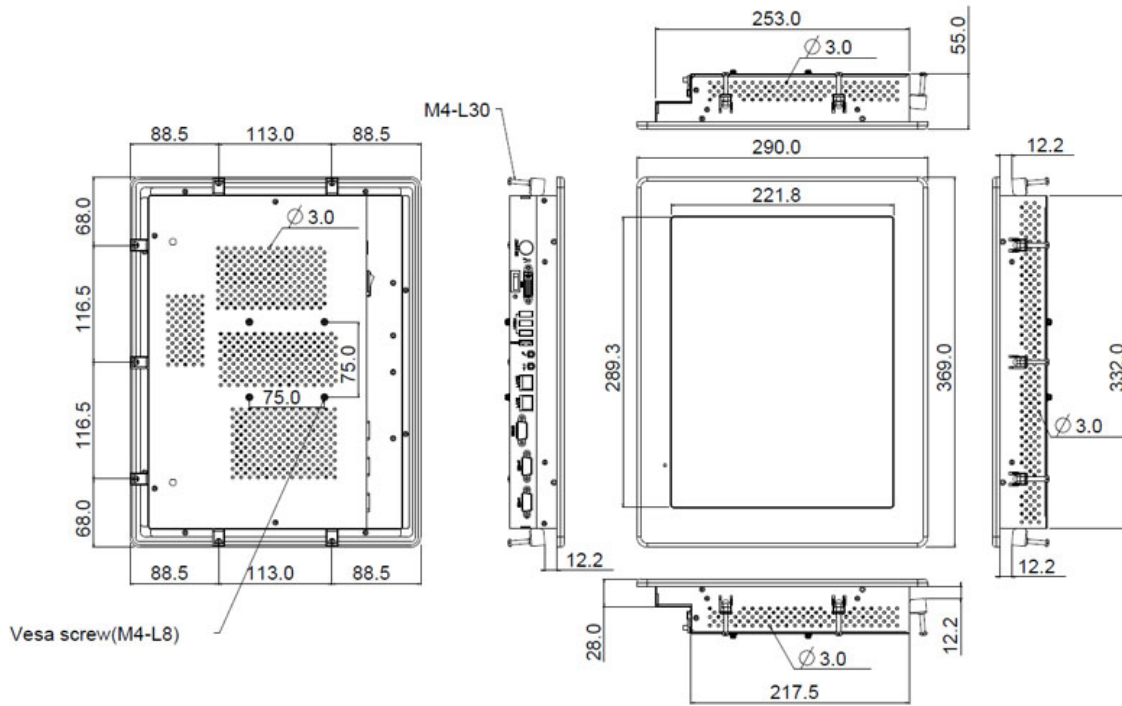
Warranty	Up to 5 Years
----------	---------------

Filters

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.