



## Features

- 15" 4:3 Ratio Touchscreen
- Intel Celeron Quad Core Processor
- IP66 / IP69K / NEMA 4X Stainless Steel Enclosure
- M12 Metal Input Output Connectors
- Fully Sealed with Fanless Design

## Technical Specifications

### 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	160° (H), 160° (V)

### Expansion Slots

Internal Mini PCIe	2x Mini-PCIe
video card support	Intel HD Graphics

### Thermal and Environmental

Operating Temperature	Array (32°F – 104°F)
Storage Temperature	Array (-4°F – 140°F)
Humidity Range	10% – 90% Non-condensing
Storage Humidity	10% – 90% Non-condensing
Cooling Solution	Passive – Fanless

**Touch Screen**

Touch Screen	5 Wire Resistive
Light Transmission	80±5%
Hardness	Resistive: 4H, P-cap: 7H
Glass Thickness	2.4mm

**Enclosure**

Material	SUS304 Stainless Steel
Ip Rating	IP66, Optional IP67, IP69K, NEMA 4X
Color	Stainless Steel
Control Buttons	Power Button, Power Reset
Mounting Options	Table Mount, VESA 100 Mount, Wall Mount
Approved Cleaning Solutions	Acetic Acid (low concentration), Ammonium Nitrate (low concentration), Benzine, Citric Acid (low concentration), Ethanol, Ethylene Glycol Solution (1:1 with water), Hexane, Hydrochloric Acid (low concentration), Iron Chloride Solution, Isooctane, Isopropyl Alcohol, Nitric Acid (low concentration), Paraffin, Perhydrol (30% in water), Phosphoric Acid (low concentration), Propane, Silicone Oil, Sodium Carbonate (low concentration), Sodium Chloride Solution, Sodium Nitrate (low concentration), Sulfuric Acid (low concentration), Triethylene Glycol

Cleaning Instructions [View instructions here](#)

**External I/O ports**

USB	2x M12 8Pin for USB 1/2 and USB 3/4
Serial Protocol Detail	RS-232
Ethernet / LAN	1x RJ45 GbE LAN
Power Input Port	M12 type 5-PIN DC-in

**Power**

Input Voltage Range	7-32V DC
Max Power consumption	32W
Standard Power Adapter	AC 100~240V / 47 ~ 63Hz, IP68, 60W

**Operating Systems**

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

**Peripherals & Wireless Connectivity**

WiFi	Optional Bluetooth kit and WLAN with External Antenna
------	---

**Dimensions / Weight**

Weight	7.6 KG (16.8 lbs)
Dimensions	395 x 58 x 309.5 mm (15.6 x 2.3 x 12.2 in)

**Certification**

Certifications	CE, FCC Class A, VCCI
----------------	-----------------------

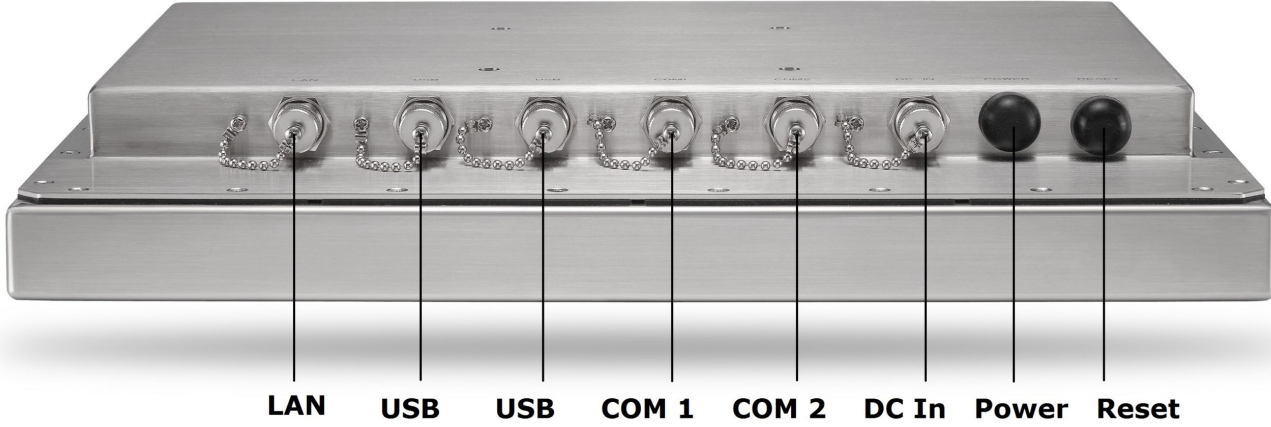
**Compatibility**

Security Hardware    Optional TPM 2.0

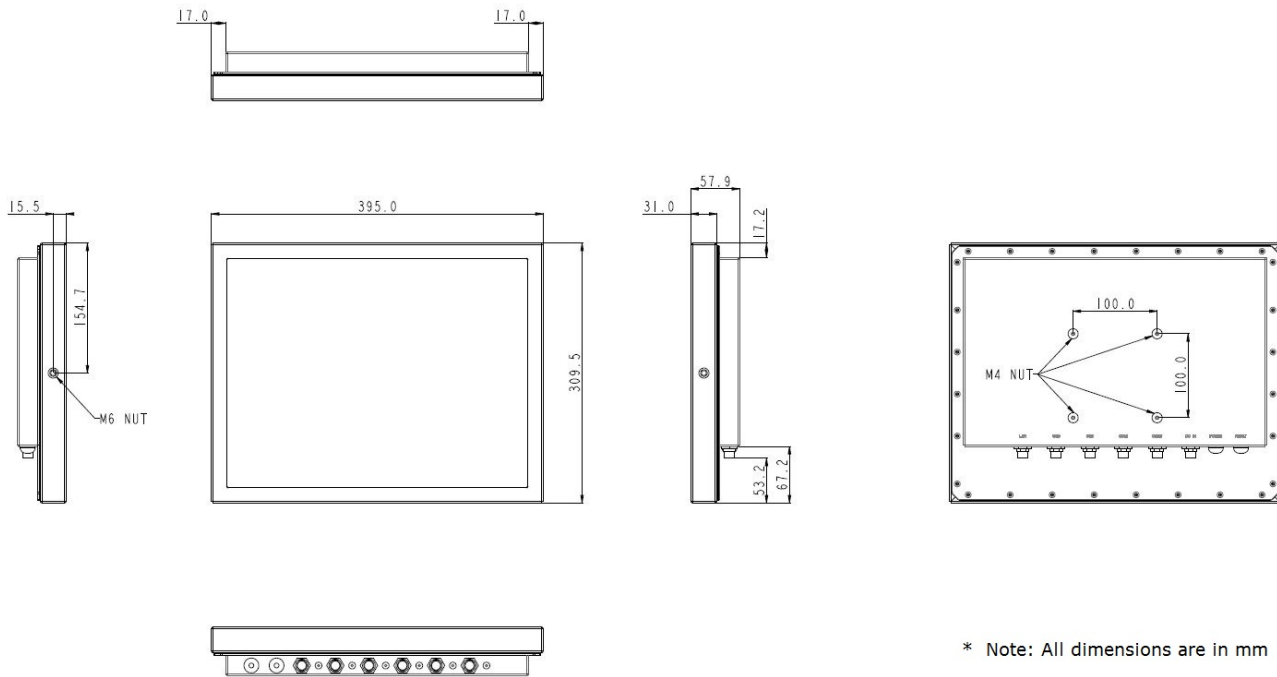
**Warranty**

Warranty                      Up to 5 Years

**Inputs / Outputs**



**Technical Drawings**



\* Note: All dimensions are in mm

*All specifications are subject to change without notice.*