

Features

- 12.1" True Flat Panel Touch Screen
- Intel Bay Trail Quad Core N2930 1.83GHz CPU
- Onboard DDR3L 4GB Memory
- Optional PoE (Power over Ethernet)
- IP66 Protected Front Bezel
- 2 Pin Connector for Power Switch

Technical Specifications

General

Main Category	Industrial Computer

Primary Components

Processor Family	Intel Celeron Bay Trail
Processor Model	N2930
Processor Speed	1.83 GHz
Memory Type	Onboard DDR3
Memory Support	4GB
Storage type	1x 2.5" SATA Drive Bay for SSD/HDD
Storage support	32GB-1TB

Display

Screen Size	12.1"
Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	450 nits, 500 nits, Optional 1000 nit High Brightness
Contrast Ratio	800:1
Viewing Angle	160º (H), 140º (V)

Touch Screen

Touch Screen	Projected Capacitive, Resistive
Light Transmission	Over 80% (Resistive), Over 90% (P-Cap)

Expansion Slots

Internal Mini PCIe	1x Mini-PCIe

Multimedia

Thermal and Environmental

Operating Temperature	Array (-4°F – 140°F)
Storage Temperature	Array (-22°F – 158°F)
Humidity Range	10% – 90% Non-condensing
Cooling Solution	Passive – Fanless with Heatsink

Enclosure

Material	Aluminum
Ip Rating	IP66 Front Bezel
Mounting Options	Panel Mount, VESA 100 Mount

External I/O ports

USB	2x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232/422/485 DB-9, default RS-232(COM1), 1x RS-232 DB-9(COM2)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x HDMI
Other Ports	1x 2-Pin DC Power Switch Connector
Audio	1x Audio Line-Out
Power Input Port	3-Pin DC-In (Phoenix Type)

Peripherals & Wireless Connectivity

WiFi	Optional WiFi
BlueTooth	Optional Bluetooth 4.0
Mobile Network 4G LTE	Optional 4G

Power

Input Voltage Range	9-36V DC
Standard Power Adapter	Optional 12V AC/DC Adapter

Dimensions / Weight

Weight	2.5 KG (5.5 lbs)
Dimensions	319 x 245 x 52 mm (12.6 x 9.6 x 2.0 in)

Battery

Type	Optional Internal Battery

Certification

Certifications	CE, FCC Class A, UL 60950

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 8.1 Pro
Linux	Linux (Contact your sales rep for more information)

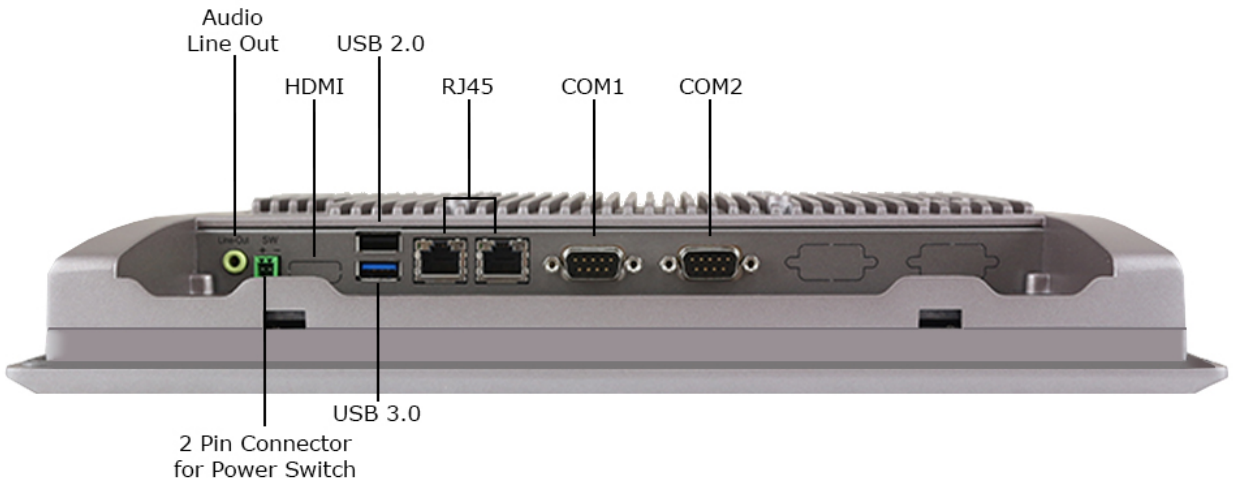
Warranty

Warranty	Up to 5 Years

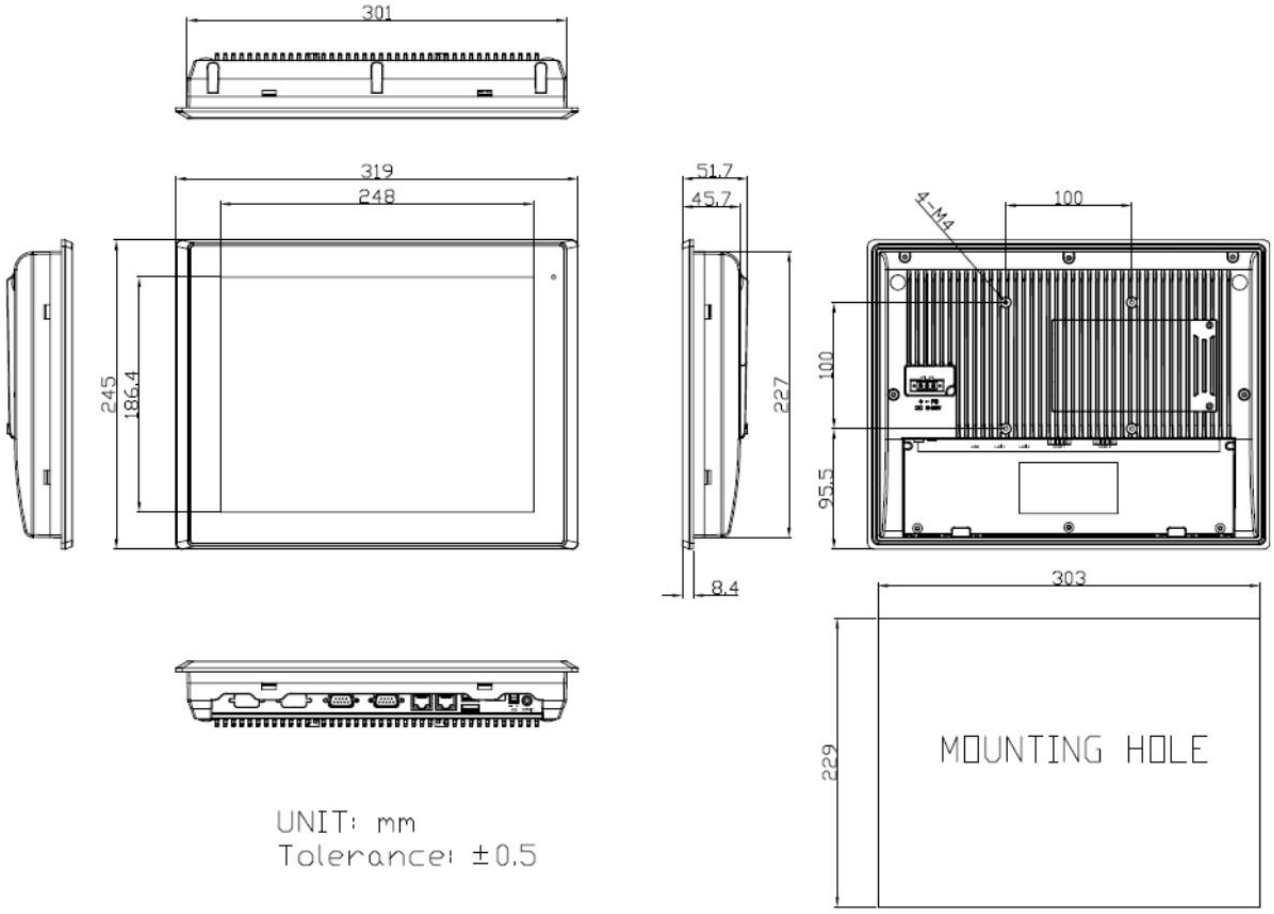
Compatibility

Filters

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.