Features

- 08" Full Flat Panel Touch Screen
- Bay Trail Celeron N2930 Quad-Core CPU
- Very low Power Use with Fanless Design
- Onboard DDR3L 4GB Memory
- IP66 Protected Front with Aluminum Housing
- 2 Pin Connector for Power Switch

Technical Specifications

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	1.8" Half Size MO297 SATA Drive Bay
Storage Support	32GB-256GB

Display

Screen Size	8"
Screen Ratio	4:3
Brightness	350 nits, Optional 1000 nit High Brightness

Touch Screen

Touch Screen	Projected Capacitive, Resistive

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

Power

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

Operating Systems

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

Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F – 122°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive – Fanless with Heatsink
Humidity Range	10% – 90% Non-condensing

Enclosure

Material	Aluminum
IP Rating	IP66 Front Bezel
Mounting Options	Panel Mount, VESA 75 Mount

Peripherals & Wireless Connectivity

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

Weight / Dimensions

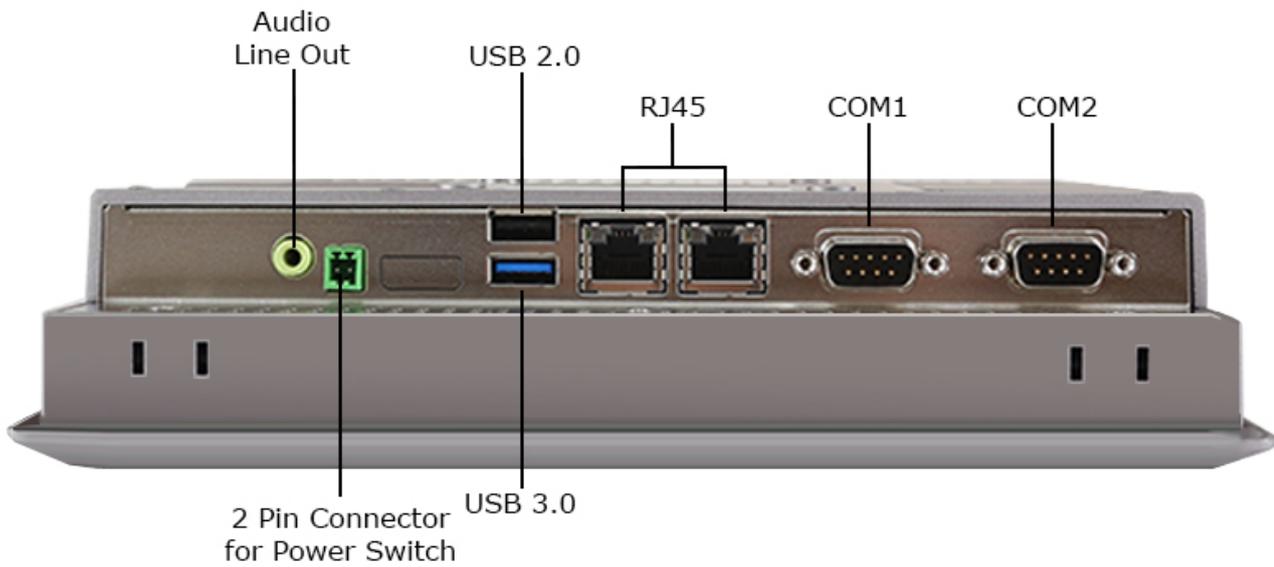|	
Weight	1.8 kg (4.0 lbs)
Dimensions	231 x 176 x 50 mm (9.1 x 6.9 x 2.0 in)

Certification

Certifications	CE, FCC Class A, UL 60950

Warranty

Warranty	Up to 5 Years

I/O Diagram Images

Audio
Line Out

USB 2.0

RJ45

COM1

COM2

2 Pin Connector
for Power Switch

USB 3.0

Tech Diagram Images

220.0

231.1
163.0

176.1
122.5

7.0
50.0
30.0

165.0

4-M4
75.0

75.0

50.5

167.0
Mounting Hole Size

222.0

UNIT: mm
Tolerance: ±0.5
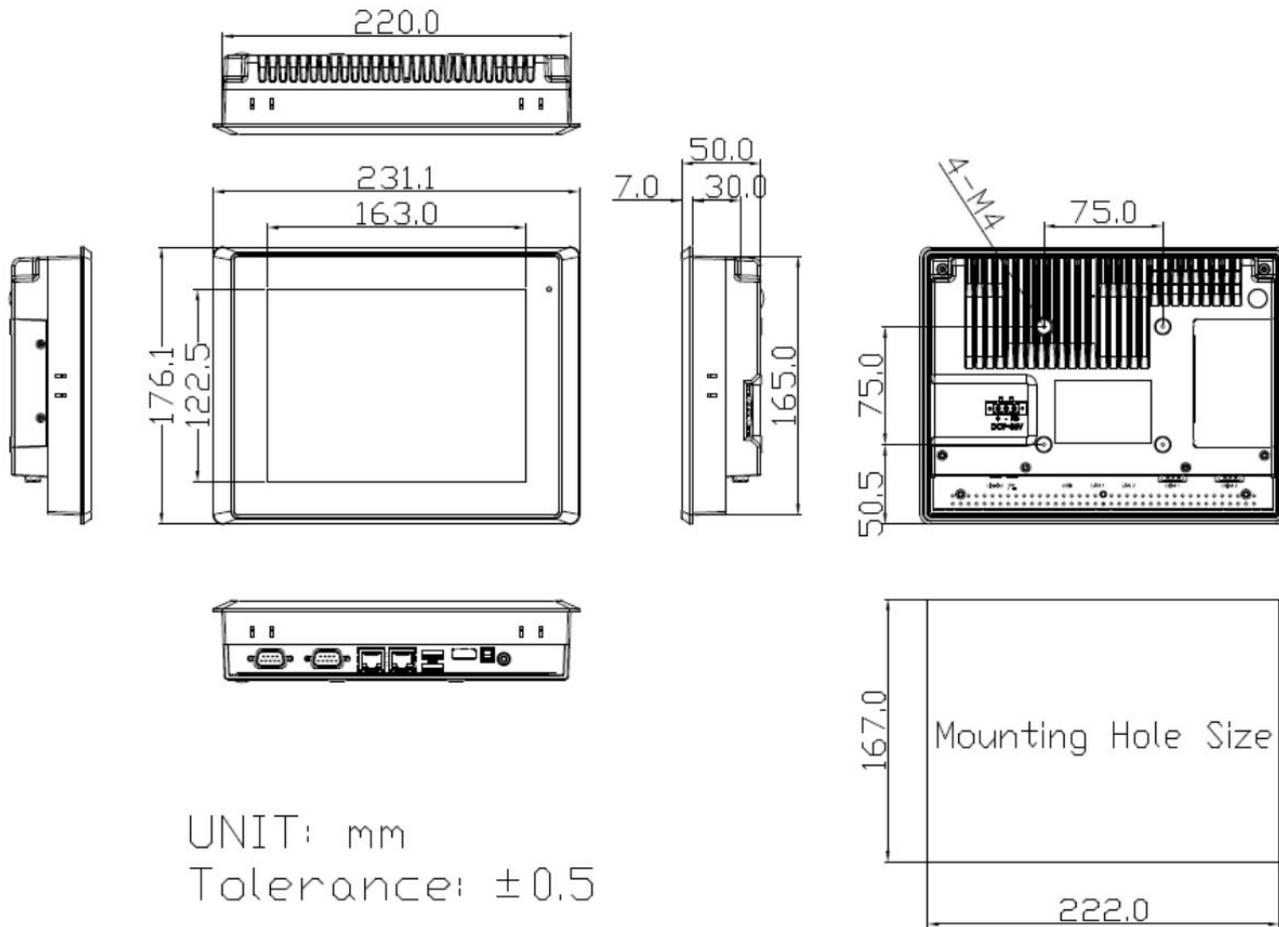
All specifications are subject to change without notice.