



## Features

- 12.1" Touchscreen & IP66 Front Bezel
- Intel Apollo Lake N4200 Quad Core CPU
- Rugged Die-cast Aluminum Housing
- Optional Power over Ethernet
- Optional High Bright & Optical Bonding

## Technical Specifications

### Primary Components

Processor Family	Intel Pentium Apollo Lake
Processor Model	N4200
Processor Speed	1.10 GHz
Memory Type	Onboard DDR3
Memory Support	4GB, 8GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD
Storage Support	32GB-1TB

### Display

Screen Size	12.1"
Screen Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	450 nits, 500 nits, Optional 1000 nit High Brightness

### Touch Screen

Touch Screen	Projected Capacitive, Resistive
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### 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), Optional POE+, 30W with 2x USB 2.0

## Power

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

## Battery

Battery Type	Optional Internal Battery
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## Operating Systems

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

## Expansion Slots

SD card	1x Micro SD Slot
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## Thermal & Environmental

Operating Temperature	-20°C - 60°C (-4°F – 140°F)
Storage Temperature	-30°C - 70°C (-22°F – 158°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 100 Mount

## Peripherals & Wireless Connectivity

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

## Weight / Dimensions

Weight	2.8 kg (6.2 lbs)
Dimensions	319 x 245 x 52 mm (12.6 x 9.6 x 2.0 in)

## Certification

Certifications

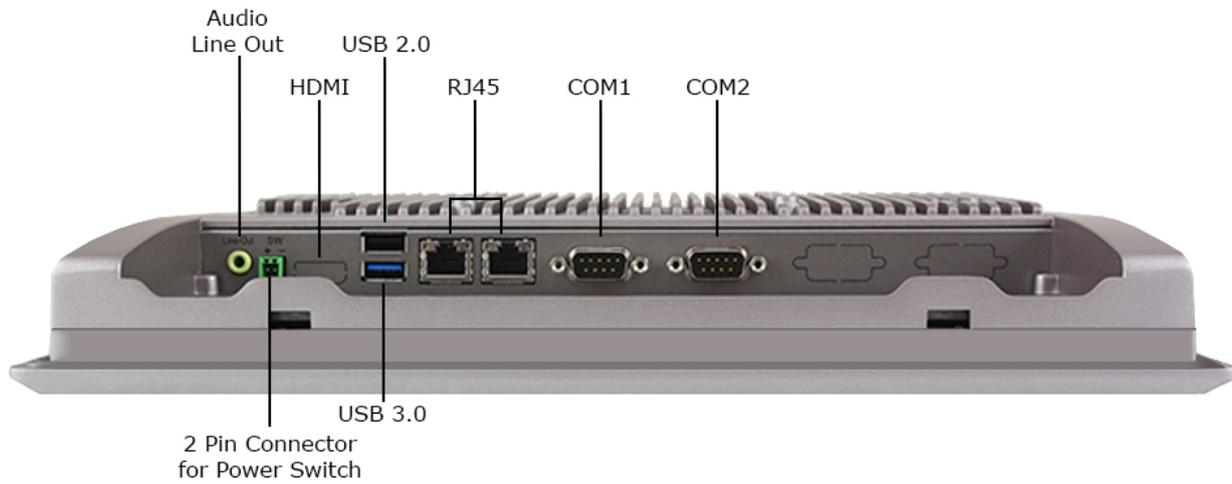
CE, FCC Class A, UL 60950, UL 62368

### Warranty

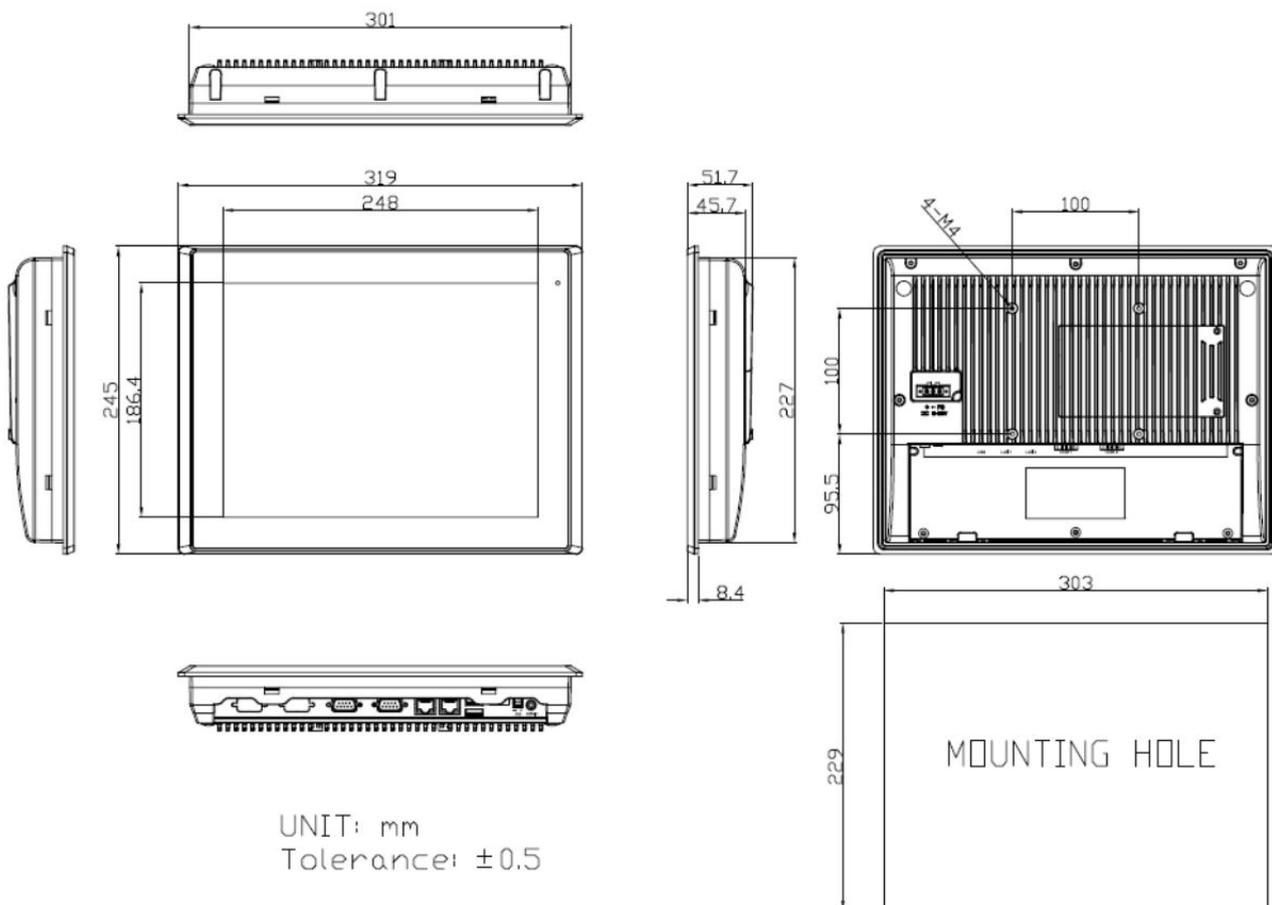
Warranty

Up to 5 Years

## I/O Diagram Images



## Tech Diagram Images



*All specifications are subject to change without notice.*