



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

General

Main Category Industrial Computer

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"
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 160° (H), 140° (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
SD card 1x Micro SD Slot

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)

Power

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

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)

Compatibility

Peripherals & Wireless Connectivity

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

Dimensions / Weight

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

Certification

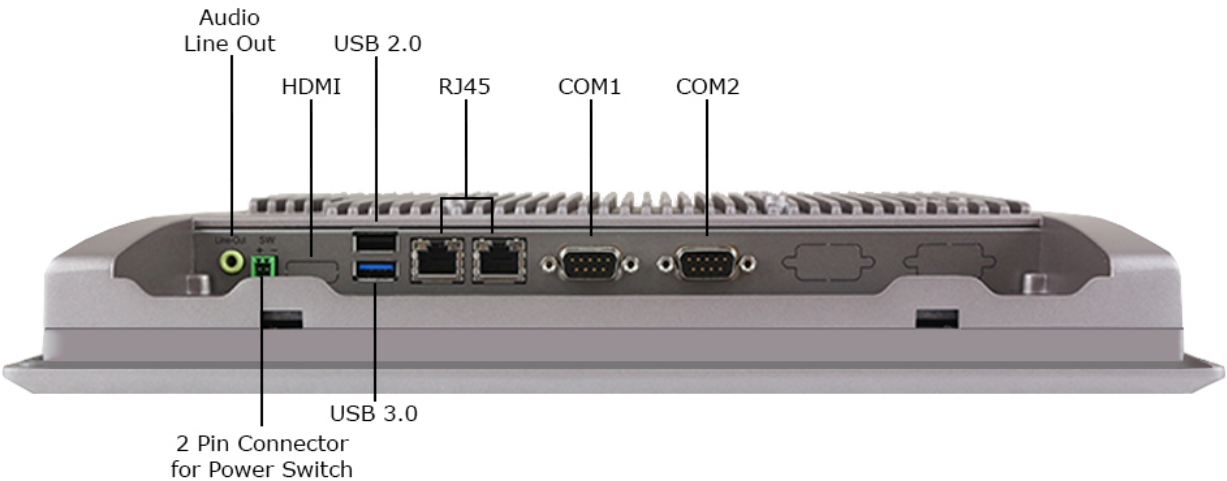
Certifications	CE, FCC Class A, UL 62368, UL 60950
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Warranty

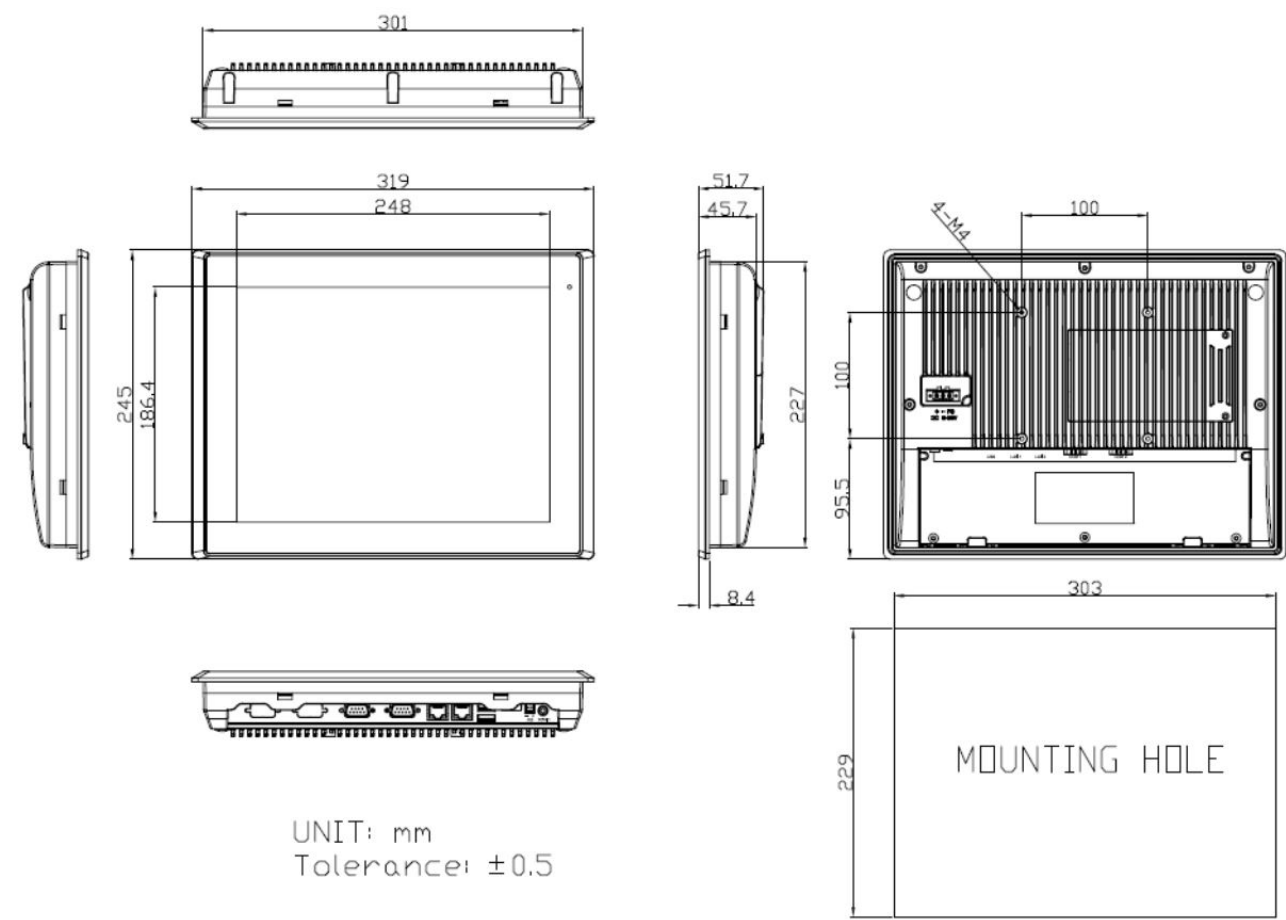
Warranty	Up to 5 Years
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Filters

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.