



Features

- 12.1" Full Flat Panel Touchscreen
- Intel 6th Gen. Core i3/i5 CPU
- DDR4 2133MHz Memory, up to 16GB
- Fanless Aluminum Housing with IP66 Protected Front
- Optional PoE & Sunlight Readable LCD
- Wide Range 9-36V DC Power Input

Technical Specifications

General

Main Category Industrial Computer

Primary Components

Processor Family Intel Core I series 6th Generation Skylake
Processor Model Core i3-6100U
Processor Speed 2.3 GHz
Memory Type 1x DDR4 SO-DIMM
Memory Support 4GB, 8GB, 16GB
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, Optional 1000 nit High Brightness
Contrast Ratio 700:1
Viewing Angle 160° (H), 150° (V), 178° (H), 178° (V) High Brightness
Number of Colors Supported 16.2M, 262K

Expansion Slots

Internal Mini PCIe 1x Mini-PCIe
SD card 1x Full Size SD Slot

Multimedia

Thermal and Environmental

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

Touch Screen

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

Enclosure

Material	Aluminum
Ip Rating	IP66 Front Bezel
Mounting Options	Panel Mount, VESA 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(COM 1), 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
Power Input Port	3-Pin DC-In (Phoenix Type)

Peripherals & Wireless Connectivity

Power

Input Voltage Range	9-32V DC
Standard Power Adapter	Optional 12V AC/DC Adapter

Dimensions / Weight

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

Battery

Certification

Certifications	CE, FCC Class A
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Operating Systems

Warranty

Windows	Windows 10 IoT, Windows 10 Pro, Windows 7 Pro	Warranty	1 Year
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Compatibility

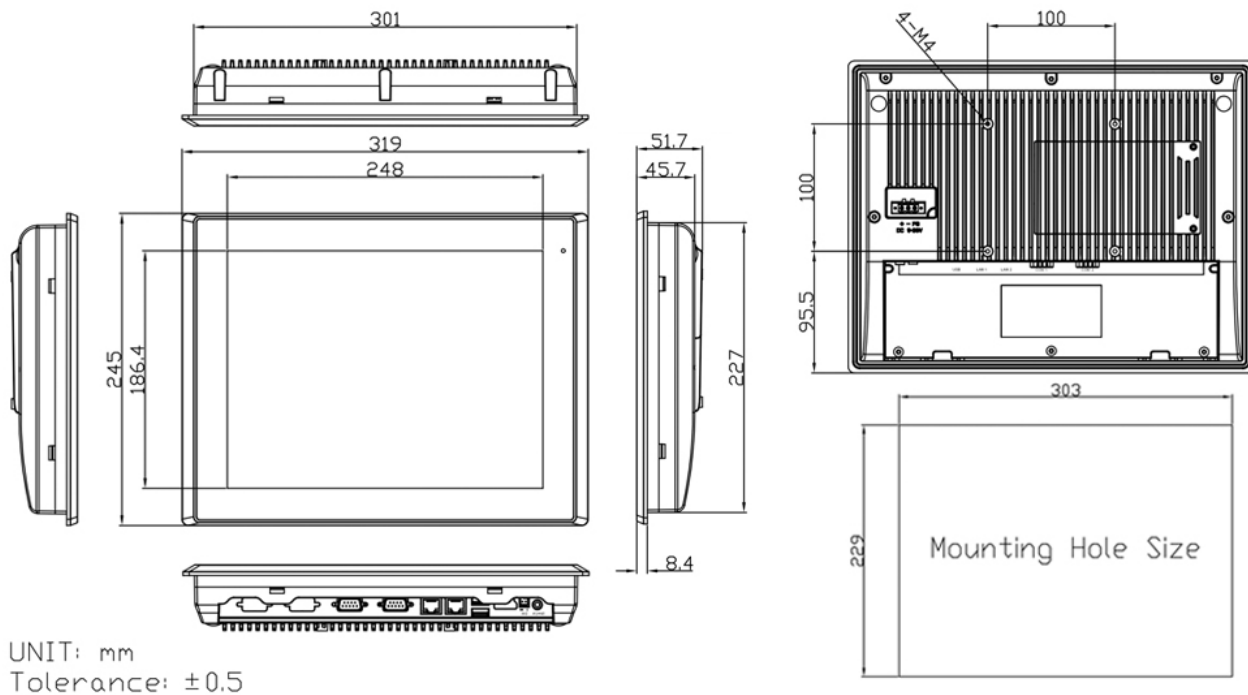
Filters

Security Hardware	TPM 2.0
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Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.