



Features

- 18.5" P-Cap or Resistive Touchscreen
- Intel 6th Gen. Core i3/i5 CPU
- Optional Sunlight Readable Touchscreen
- Up to 16GB with onboard DDR4 2133MHz memory
- IP66 Protected Front with Aluminum Housing
- Wide Range 9~36VDC 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 18.5"
Resolution 1366 x 768, Optional 1920 x 1080
Screen Ratio 16:9
Brightness 300 nits, Optional 1000 nit High Brightness
Contrast Ratio 1000:1
Viewing Angle 160° (H), 170° (V), 160° (H), 170° (V) High Brightness
Number of Colors Supported 16.7M

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(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

Power

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

Dimensions / Weight

Weight	6.7 KG (14.8 lbs)
Dimensions	500 x 315 x 65 mm (19.7 x 12.4 x 2.6 in)

Battery

Certification

Certifications	CE, FCC Class A
----------------	-----------------

Operating Systems

Warranty

Windows	Windows 10 IoT, Windows 7 Pro
---------	-------------------------------

Warranty	1 Year
----------	--------

Compatibility

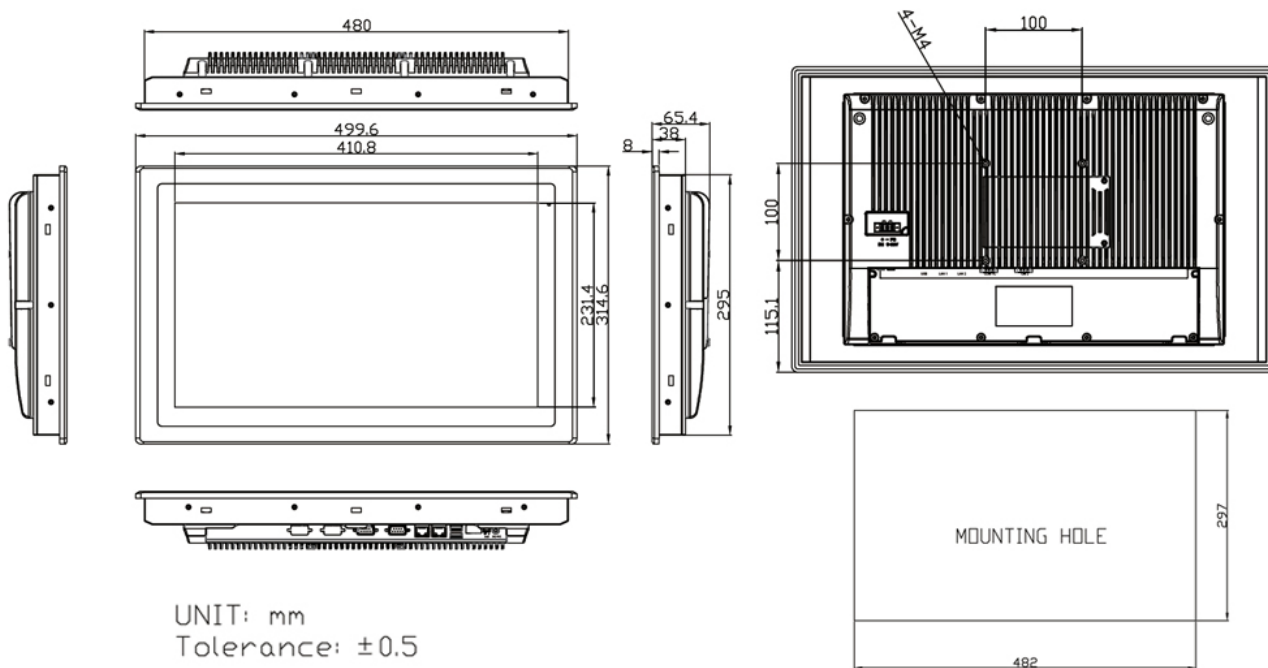
Filters

Security Hardware	TPM 2.0
-------------------	---------

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.