



Features

- 17" Resistive or P-Cap Touchscreen
- Intel 6th Gen. Core i3/i5 CPU
- DDR4 2133MHz memory and up to 16GB
- IP66 Front Protected with Fanless Aluminum Housing
- Wide Range 9~36VDC Power Input
- Optional Sunlight Readable LCD Screen

Technical Specifications

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	17"
Resolution	1280 x 1024 (SXGA)
Screen Ratio	4:3
Brightness	350 nits, Optional 1000 nit High Brightness
Contrast Ratio	1000:1
Viewing Angle	170° (H), 170° (V), 170° (H), 160° (V) High Brightness
Number of Colors Supported	16.7M

Expansion Slots

Internal Mini PCIe	1x Mini-PCIe
Internal M.2	
PCI	
PCIe Slot	
SD card	1x Full Size SD Slot

Multimedia

Speakers
Camera
Microphone
Phone

Touch Screen

Touch Screen	Projected Capacitive, Resistive
Light Transmission	Over 80% (Resistive), Over 90% (P-Cap)
Hardness	
Glass type	
Glass Thickness	
Lifetime Usage	

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
Video Inputs	
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	9-32V DC
Max Power consumption	
Standard Power Adapter	Optional 12V AC/DC Adapter

Battery

Type	
Operating Time	
Quantity	

Operating Systems

Windows	Windows 10 IoT, Windows 7 Pro
Android	
Linux	

Thermal and Environmental

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

Enclosure

Material	Aluminum
Ip Rating	IP66 Front Bezel
Color	
Antibacterial Housing	
Led Indicator Light	
Control Buttons	
Programmable Function Buttons	
Shock Rating	
Vibration Rating	
Drop Rating	
Mounting Options	Panel Mount, VESA Mount
Approved Cleaning Solutions	

Peripherals & Wireless Connectivity

BlueTooth
GPS
Sim card
Barcode Scanner
Smartcard Reader
Sensors

Dimensions / Weight

Weight	6.25 KG (13.8 lbs)
Dimensions	439 x 348 x 65 mm (17.3 x 13.7 x 2.6 in)

Certification

Certifications	CE, FCC Class A
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Compatibility

Security Hardware TPM 2.0
 Software
 Cellular Carriers
 Applications

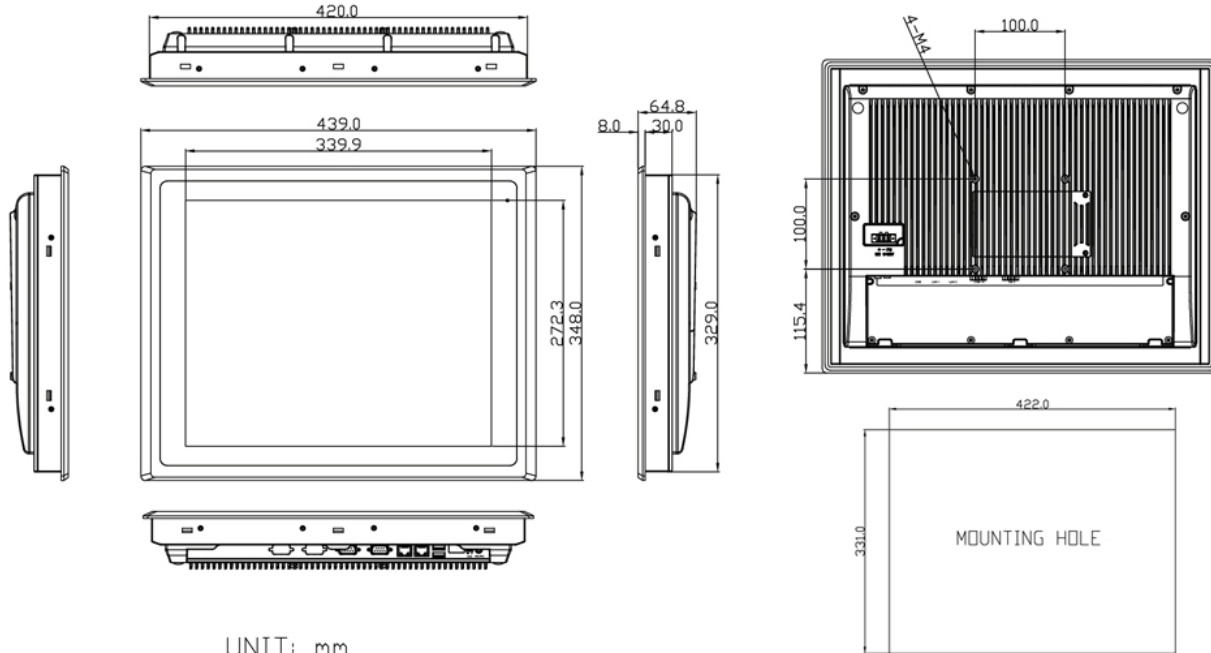
Warranty

Warranty 1 Year

Inputs / Outputs



Technical Drawings



UNIT: mm
 Tolerance: ±0.5

All specifications are subject to change without notice.