Features

- 21.5" Projected Capacitive or Resistive Touchscreen
- Intel 6th Gen. Core i3/i5 CPU
- IP66 Protected Front with Fanless Design
- DDR4 2133MHz Memory with up to 16GB
- Wide Range 9~36V DC Power Input
- Sunlight Readable LCD Option

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	21.5
Screen Ratio	16:9
Brightness	300 nits, Optional 1000 nit High Brightness

Touch Screen

Touch Screen	Projected Capacitive, Resistive

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)

Power

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

Operating Systems

Windows	Windows 10 IoT, Windows 7 Pro

Compatibility

Security Hardware	TPM 2.0

Expansion Slots

SD card	1x Full Size SD Slot

Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F – 122°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°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 Mount

Weight / Dimensions

Weight	7.5 kg (16.5 lbs)
Dimensions	557 x 362 x 65 mm (21.9 x 14.3 x 2.6 in)

Certification

Certifications	CE, FCC Class A

Warranty

Warranty	1 Year

I/O Diagram Images

Tech Diagram Images

UNIT: mm
Tolerance: ±0.5

Mounting Hole Size
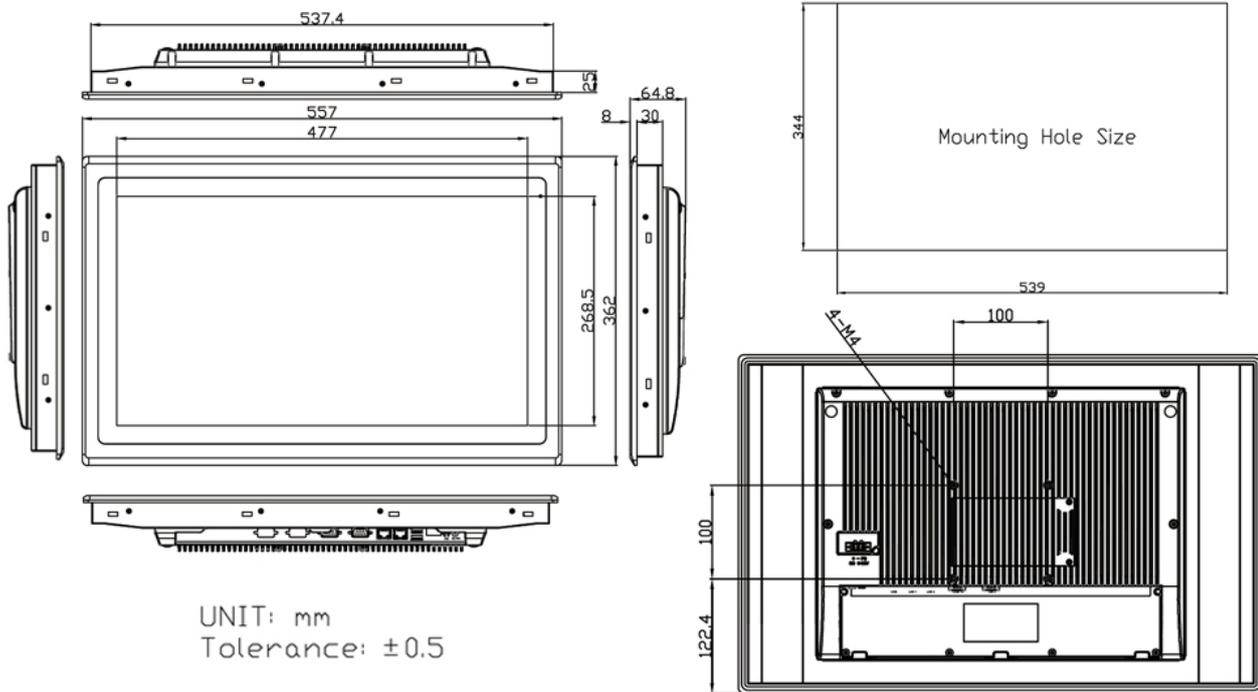
All specifications are subject to change without notice.