



## Features

- 21.5" LCD TFT touchscreen display
- Fanless cooling system
- Multiple I/Os including 2x USB 2.0, 1x LAN, and 1x COM
- IP66 waterproof rated
- Intel 8th Generation Core i3 CPU
- VESA 75 mounting

## Technical Specifications

### Primary Components

Processor Family	Intel Core I series 8th Generation Whiskey Lake-U
Processor Model	Core i3 8145UE
Processor Speed	2.4 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB, 64GB
Storage Type	1x M.2 M Key, PCIe or SATA, 2242 NVME support
Storage Support	M.2: 128GB-1TB

### Display

Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	250 nits, Optional 1000 nit High Brightness

### Touch Screen

Touch Screen	Projected Capacitive, Resistive
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### External I/O Ports

USB	1x M12 8Pin for USB 1/2, 1x Optional M12 8Pin for USB 3.2, 1x Optional M12 8Pin for USB 3/4
Serial / Com	1x M12 8-pin for COM, 1x Optional M12 8-pin for COM 2
Ethernet / LAN	1x M12 8pin RJ45 Gbe LAN, 1x Optional M12 8pin RJ45 Gbe LAN
Video Outputs	1x Optional HDMI
Power Input Port	M12 type 3-PIN DC-in

### Power

Input Voltage Range	9-36V DC
Max Power Consumption	34W

## Operating Systems

Windows Windows 10 IoT, Windows 10 Pro, Windows 11 Pro

## Compatibility

Security Hardware fTPM 2.0

## Thermal & Environmental

Operating Temperature 0°C - 50°C (32°F – 122°F)  
Storage Temperature -30°C - 70°C (-22°F – 158°F)  
Cooling Solution Passive – Fanless  
Humidity Range 10% – 95% Non-condensing

## Enclosure

Material SUS304 Stainless Steel  
IP Rating IP66 Front Bezel  
Color Silver  
Control Buttons Power Button, Touchscreen Lock for Cleaning  
Mounting Options VESA 75 Mount

## Weight / Dimensions

Weight 10 kg (22.0 lbs)  
Dimensions 571 x 362 x 55 mm (22.5 x 14.3 x 2.2 in)

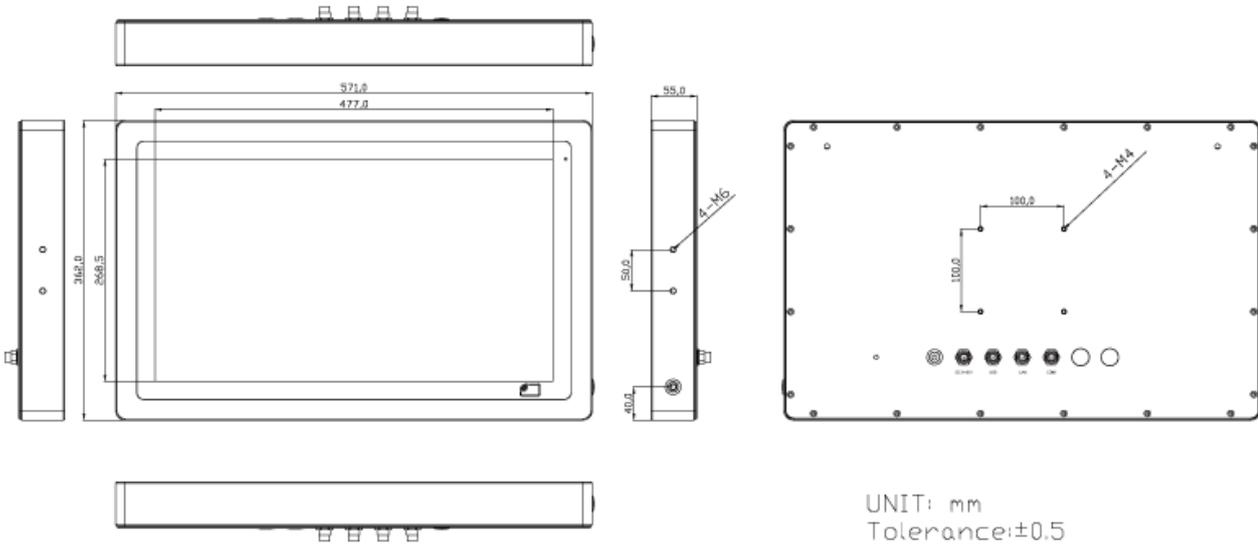
## Certification

Certifications CE, FCC Class A

## Warranty

Warranty 1 Year

### Tech Diagram Images



*All specifications are subject to change without notice.*