



Features

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

Technical Specifications

Primary Components

Processor Family	Intel Core I series 8th Generation Whiskey Lake-U
Processor Model	Core i3 8145UE, Core i5-8365UE
Processor Speed	2.4 GHz
Memory Type	1x 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 Size	17"
Screen Resolution	1280 x 1024 (SXGA)
Screen Ratio	4:3
Brightness	Optional 1000 nit High Brightness, 350 nits

Touch Screen

Touch Screen	Projected Capacitive, Resistive
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External I/O Ports

USB	1x M12 8Pin for USB 1/2, 2x USB 2.0
Serial Protocol Detail	1x RS-232/422/485 DB-9, default RS-232
Ethernet / LAN	1x M12 8pin RJ45 Gbe LAN
Video Outputs	1x DisplayPort, 1x HDMI
Other Ports	1x M12 type 3-PIN DC-in

Power

Input Voltage Range	9-36V DC
Max Power Consumption	48W
Standard Power Adapter	Optional IP65 24 V 2.5A AC/DC Adapter

Operating Systems

Windows

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

Thermal & Environmental

Operating Temperature

Storage Temperature

Cooling Solution

Humidity Range

0°C - 50°C (32°F – 122°F)

-30°C - 70°C (-22°F – 158°F)

Passive – Fanless

10% – 90% Non-condensing

Enclosure

Material

IP Rating

Mounting Options

Optional SUS316 Stainless Steel, SUS304 Stainless Steel

IP66 Front Bezel

VESA Mount

Weight / Dimensions

Weight

Dimensions

8.2 kg (18.1 lbs)

432 x 358 x 55 mm (17.0 x 14.1 x 2.2 in)

Certification

Certifications

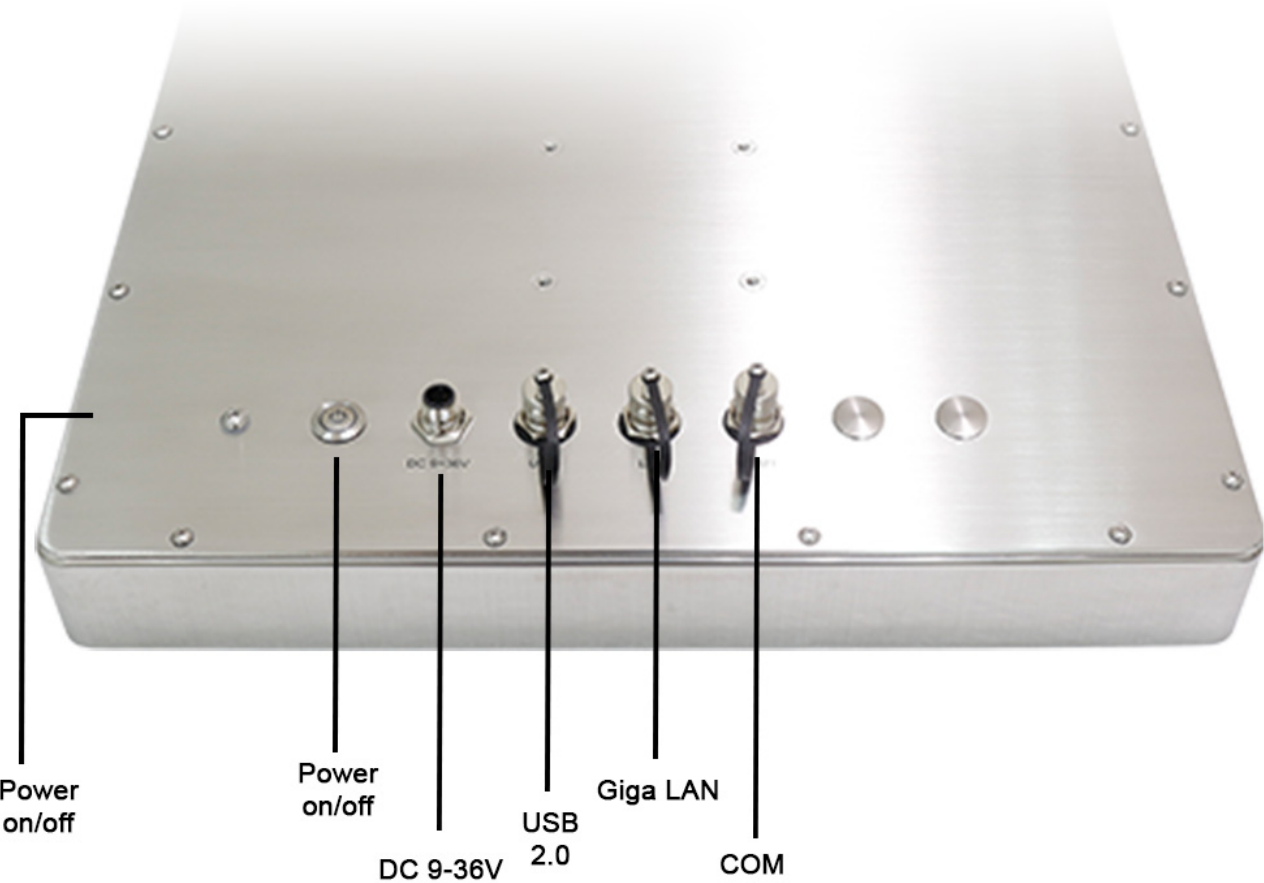
CE, FCC Class A

Warranty

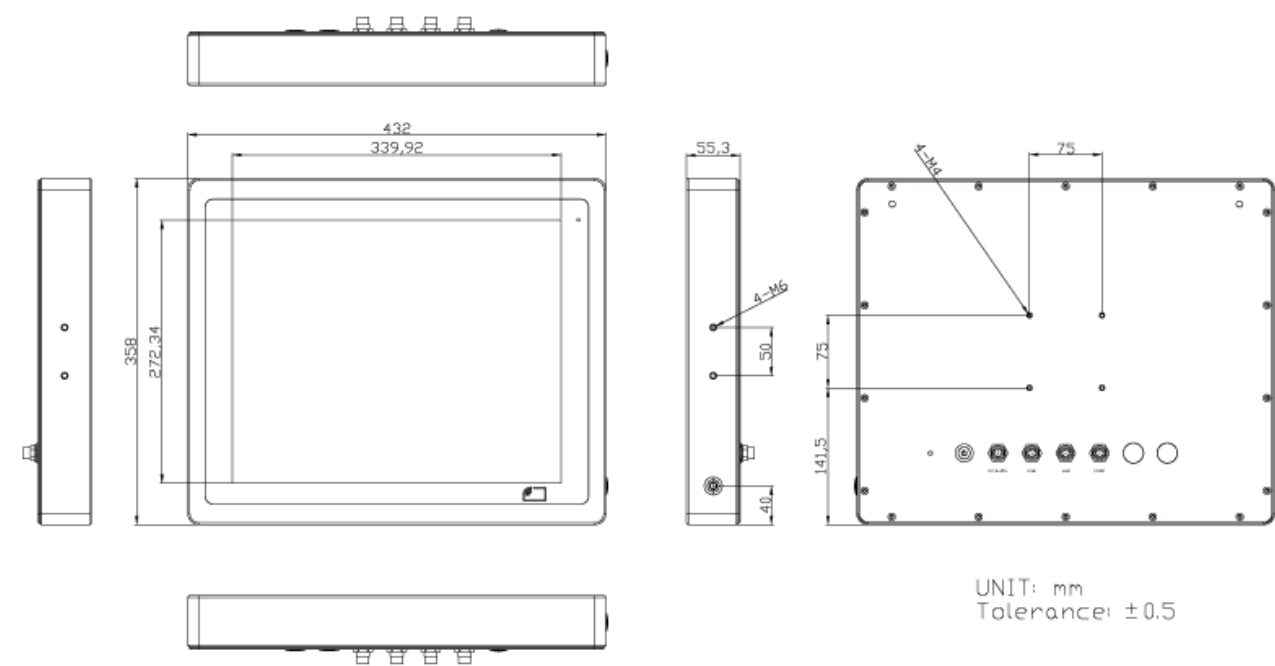
Warranty

1 Year

I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.