



Features

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

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	2.2 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 Size	15"
Screen Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	300 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, 2x USB 2.0
Serial / Com	1x M12 8-pin for COM
Ethernet / LAN	1x M12 8pin RJ45 Gbe LAN
Video Outputs	1x Optional DisplayPort, 1x Optional HDMI
Other Ports	1x M12 type 3-PIN DC-in

Power

Input Voltage Range	9-36V DC
Max Power Consumption	35W
Standard Power Adapter	Optional IP65 24 V 2.5A AC/DC Adapter

Battery

Battery Operating Time 20min

Operating Systems

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

Expansion Slots

Internal M.2 1x M.2 for NVME SSD Support

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
Humidity Range 10% – 90% Non-condensing

Enclosure

Material Optional Stainless Steel 316L, SUS304 Stainless Steel
IP Rating IP66 Front Bezel
Color Silver
Led Indicator Light Power
Mounting Options Panel Mount, VESA Mount

Weight / Dimensions

Weight 6.7 KG kg (14.8 lbs)
Dimensions 399 x 324 x 53 mm (15.7 x 12.8 x 2.1 in)

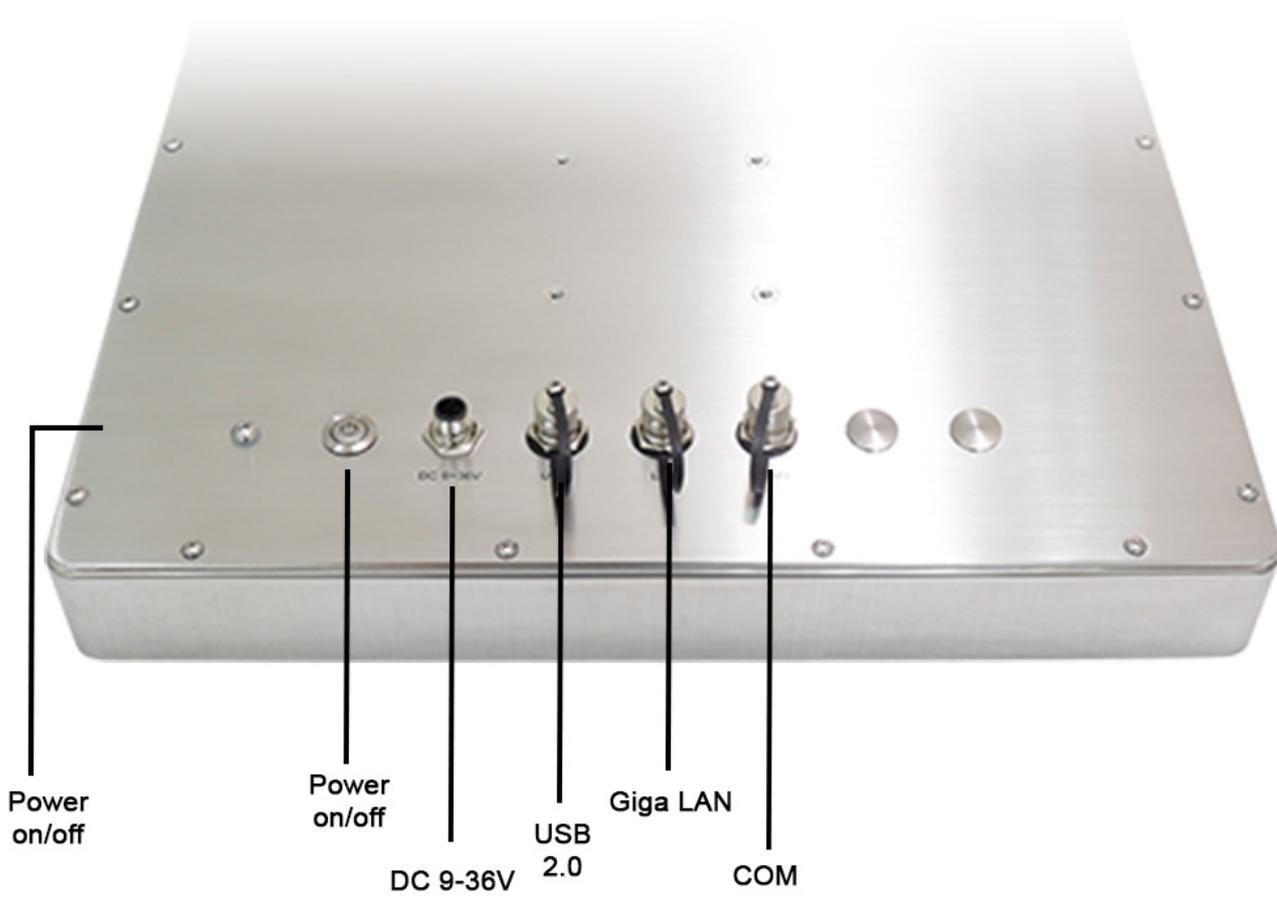
Certification

Certifications CE, FCC Class A

Warranty

Warranty 1 Year

I/O Diagram Images



Power on/off

Power on/off

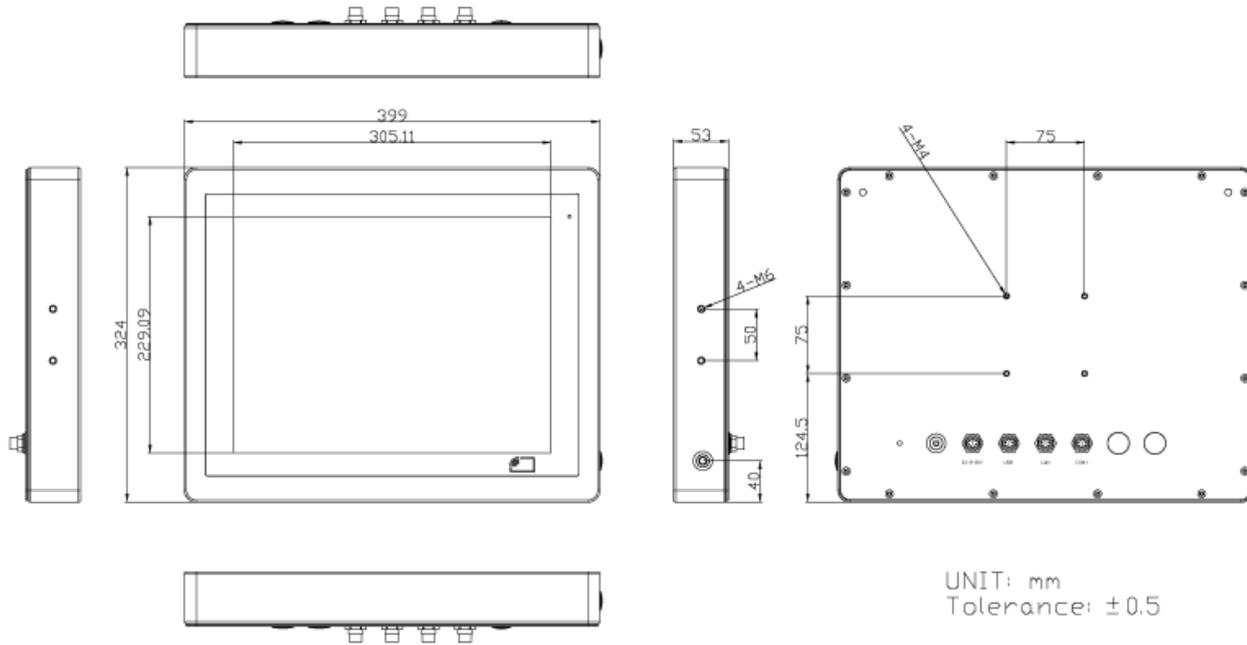
DC 9-36V

USB 2.0

Giga LAN

COM

Tech Diagram Images



All specifications are subject to change without notice.