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"
Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	300 nits, Optional 1000 nit High Brightness

Touch Screen

Touch Screen	Projected Capacitive, Resistive

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

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
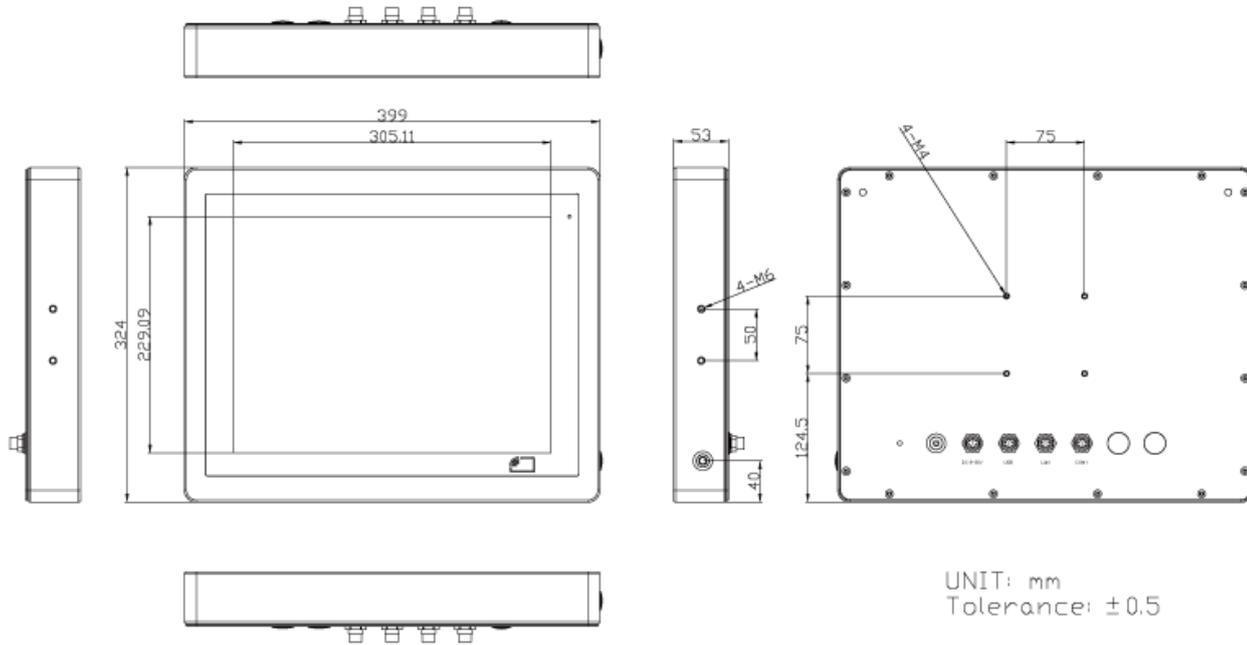
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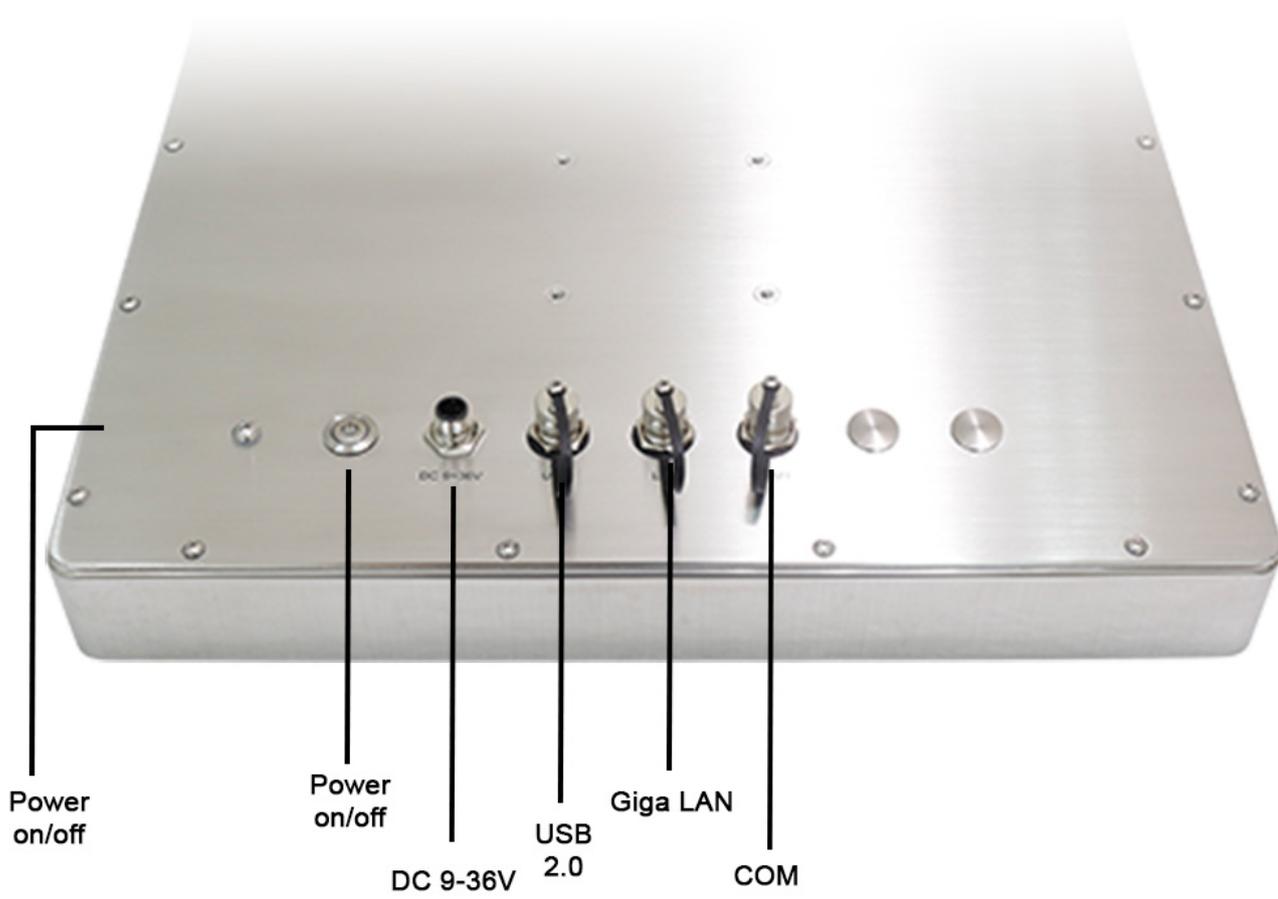
Tech Diagram Images

All specifications are subject to change without notice.