



Features

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

Technical Specifications

Primary Components

Processor Family	Intel Celeron or Core i 8th Generation Whiskey Lake
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	15.6"
Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
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
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	59W
Standard Power Adapter	Optional IP65 24 V 2.5A AC/DC Adapter

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 7.1 kg (15.7 lbs)
Dimensions 432 x 358 x 55 mm (17.0 x 14.1 x 2.2 in)

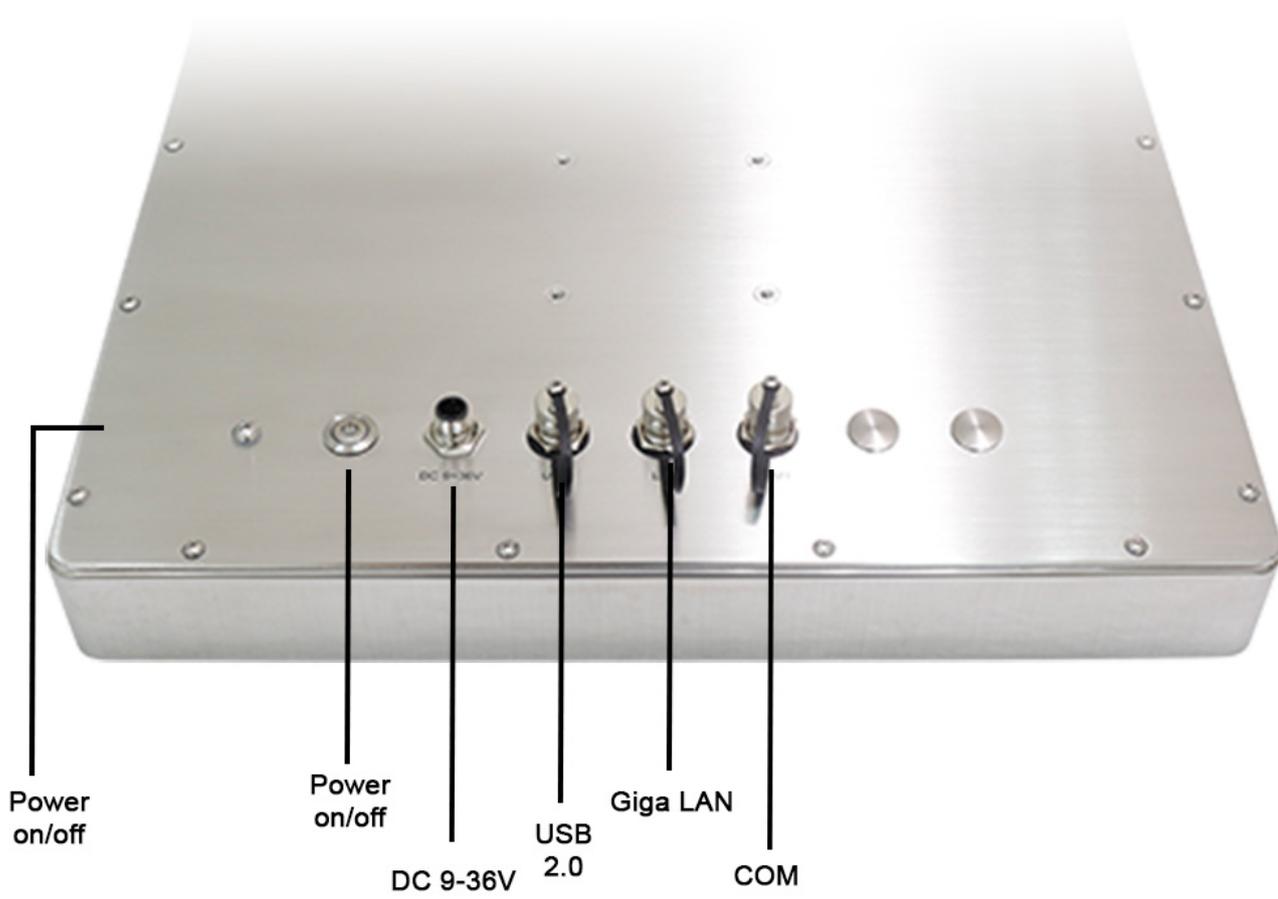
Certification

Certifications CE, FCC Class A

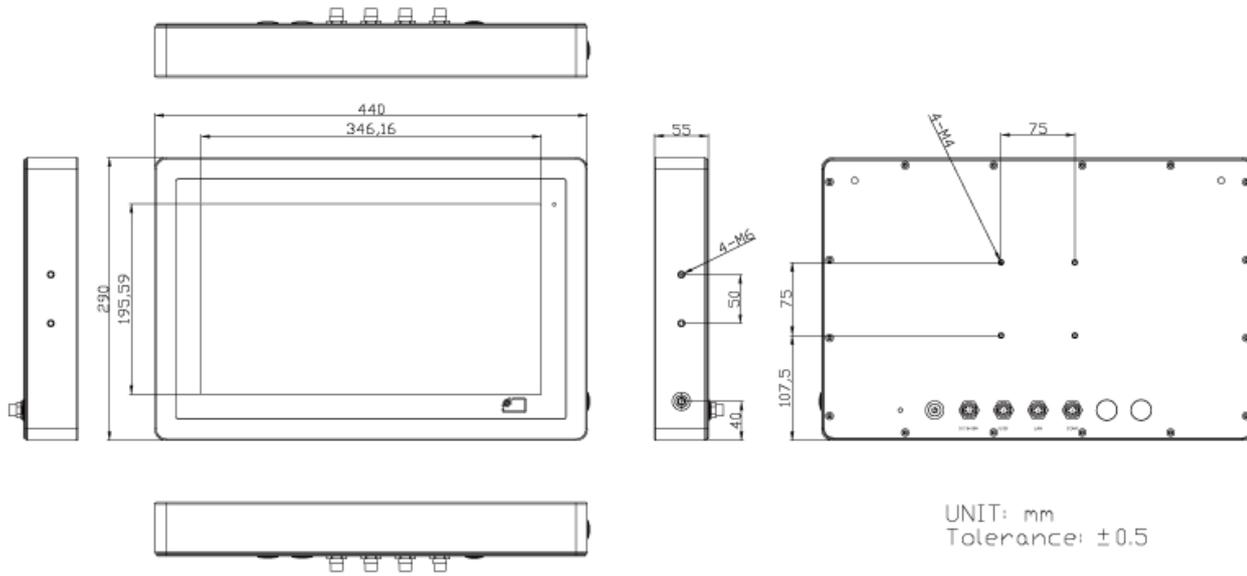
Warranty

Warranty 1 Year

I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.