



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
- IP66 waterproof rated

Technical Specifications

General

Main Category Industrial Computer

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

Contrast Ratio 500:1

Viewing Angle 160° (H), 160° (V)

Number of Colors Supported 16.7M

Expansion Slots

Internal Mini PCIe 1x Mini-PCIe

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

Multimedia

Thermal and Environmental

Operating Temperature Array (32°F – 122°F)

Storage Temperature Array (-22°F – 158°F)

Humidity Range 10% – 90% Non-condensing

Cooling Solution Passive

Touch Screen

Touch Screen	Projected Capacitive, Resistive
Light Transmission	Over 80% (Resistive), Over 90% (P-Cap)
Lifetime Usage	50,000 hrs

Enclosure

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

External I/O ports

USB	2x USB 2.0, 1x M12 8Pin for USB 1/2
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

Peripherals & Wireless Connectivity

Power

Input Voltage Range	9-36V DC
Max Power consumption	59W
Standard Power Adapter	Optional IP65 24 V 2.5A AC/DC Adapter

Dimensions / Weight

Weight	7.1 KG (15.7 lbs)
Dimensions	432x358x55 mm (17.0 x 14.1 x 2.2 in)

Battery

Certification

Certifications	CE, FCC Class A
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Operating Systems

Warranty

Windows	Windows 11, Windows 10 IoT, Windows 10 Pro
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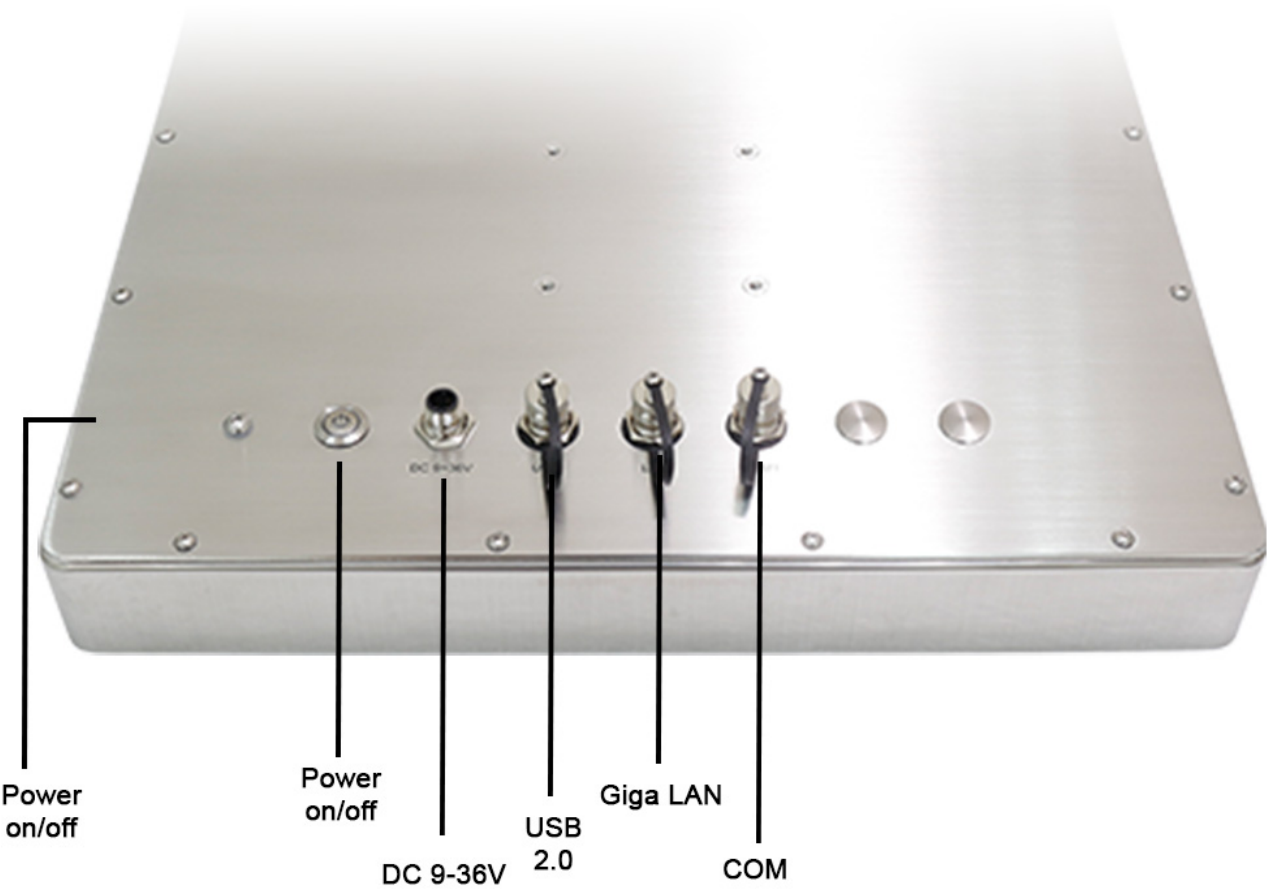
Warranty	1 Year
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Compatibility

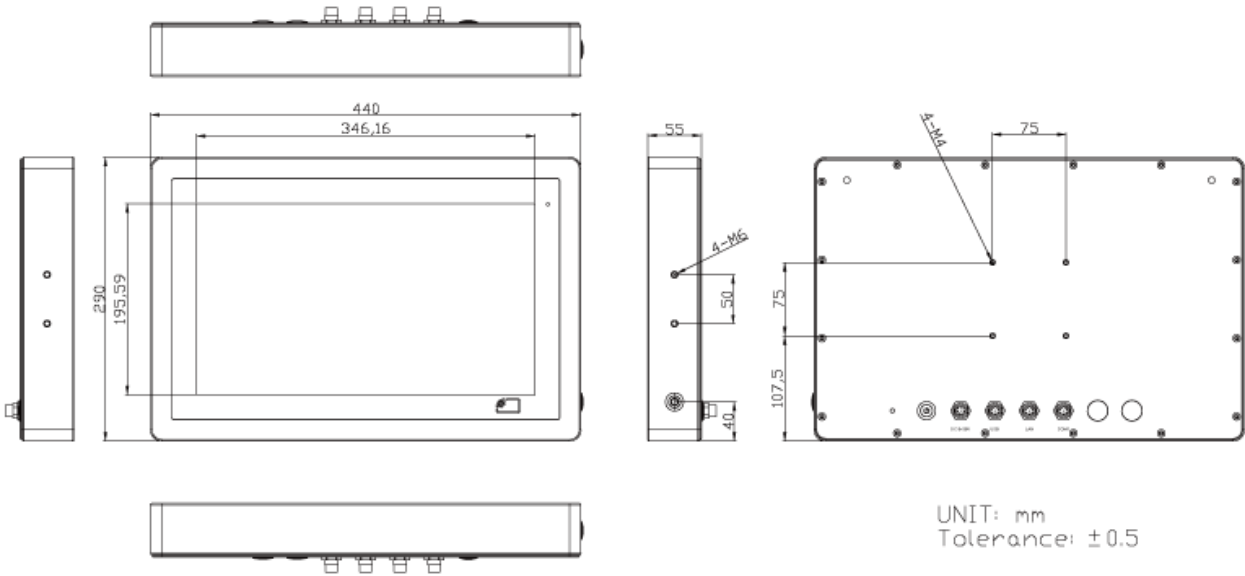
Filters

Main Category Filter	Industrial Computer
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Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.