



Features

- 22" Touch Screens
- 12th Gen Intel Core i5 10-Core CPU
- Cable Gland for Sealed I/O Connections
- IP66, IP69K Waterproof Rating
- Windows 11 Compatible
- Dual 2.5 GbE LAN

Technical Specifications

General

Main Category Industrial Computer

Primary Components

Processor Family Intel Core I series 12th Generation Alder Lake

Processor Model Core i5-1245UE

Memory Type 2x DDR4 SO-DIMM

Memory Support 4GB, 8GB, 16GB, 32GB, 64GB

Storage type 1x 2.5" SATA Drive Bay for SSD/HDD, 1x M.2 NVME SSD Slot (2242/2262/2280)

Storage support 32GB-1TB

Display

Screen Size 21.5"

Resolution 1920 x 1080 (Full HD)

Screen Ratio 16:9

Brightness 250 nits, Optional 1000 nit High Brightness

Contrast Ratio 1000:1

Viewing Angle 170° (H), 160° (V)

Number of Colors Supported 16.7M

Expansion Slots

Internal M.2 1x M.2 Type E, 1x M.2 for NVME SSD Support

Multimedia

Speakers Optional Speaker

Thermal and Environmental

Operating Temperature Array (32°F – 104°F (With HDD), 32°F – 122°F (With SSD))

Storage Temperature Array (-4°F – 140°F)

Humidity Range 10% – 90% Non-condensing

Storage Humidity 10% – 90% Non-condensing

Cooling Solution Passive – Fanless

Touch Screen

Touch Screen	Projected Capacitive, Resistive
Light Transmission	80±5% (Resistive), >86% (P-Cap)
Hardness	Resistive: 3H, P-cap: 7H

Enclosure

Material	Stainless Steel
Ip Rating	IP66, IP69K
Color	Stainless Steel
Control Buttons	Brightness Down, Brightness Up, Power Button
Mounting Options	Swing Arm, Table Mount, VESA 100 Mount, Wall Mount

External I/O ports

USB	2x USB 2.0, 2x USB 3.2, 2x USB 3.2 Type C
Serial / Com	2x COM
Serial Protocol Detail	2x RS-232/422/485
Ethernet / LAN	2x RJ45 2.5 GbE LAN
Video Outputs	2x Display Port 1.4a via USB-C, 2x HDMI 2.0b
Audio	2x 3.5mm Audio Line-Out/Mic-In

Peripherals & Wireless Connectivity

Power

Input Voltage Range	12-28V DC
Standard Power Adapter	AC 100 ~ 277V / 47 ~ 63 Hz / DC output 24V, 5A, 120W, IP68

Dimensions / Weight

Weight	12 KG (26.5 lbs)
Dimensions	557 x 349 x 105 mm (21.9 x 13.7 x 4.1 in)

Battery

Certification

Certifications	CE, FCC, VCCI Class B
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Operating Systems

Warranty

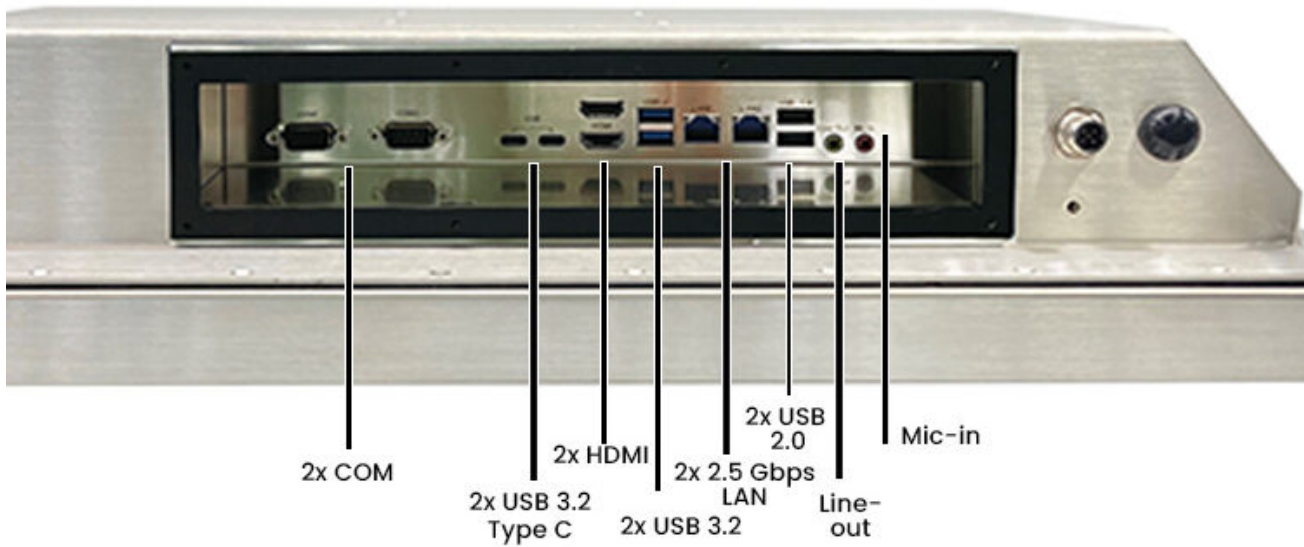
Windows	Windows 11 Pro, Windows 10 IoT, Windows 10 Pro	Warranty	Up to 5 Years
Linux	Linux		

Compatibility

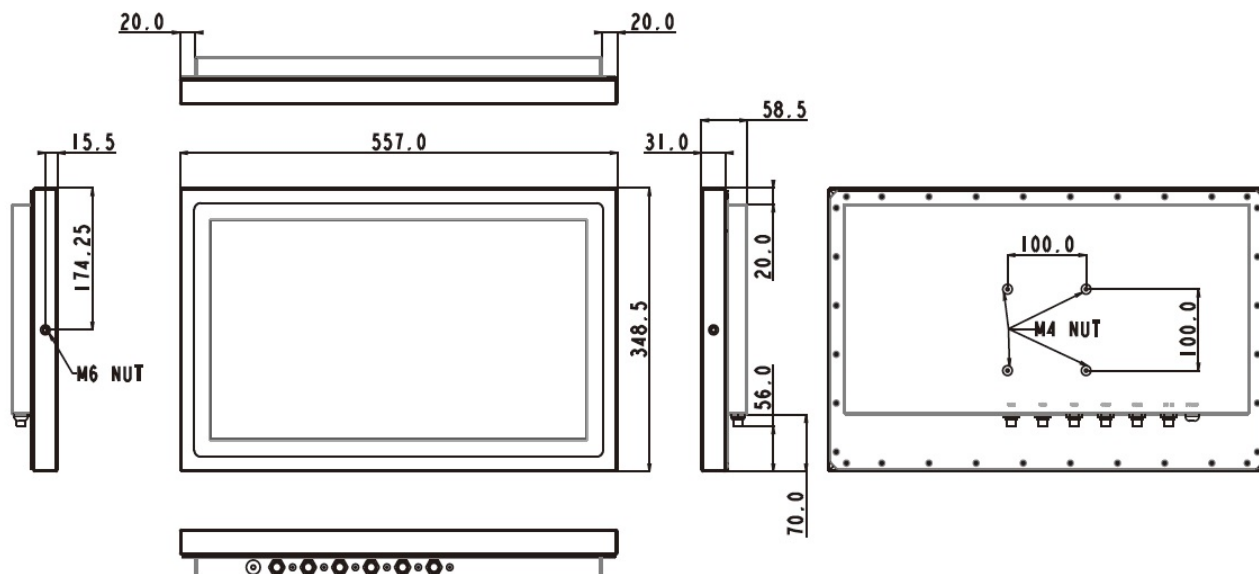
Filters

Security Hardware	TPM 2.0	Main Category Filter	Industrial Computer
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Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.