



Features

- 19" 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

Expansion Slots

Internal M.2 1x M.2 Type E, 1x M.2 for NVME SSD Support, 1x M.2 3042/3052 Key B (For 4G/5G Cellular expansion option)

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

Multimedia

Speakers Optional Speaker

Display

Screen Size 19"
Resolution 1280 x 1024 (SXGA)
Screen Ratio 5:4
Brightness 350 nits, Optional 1000 nit High Brightness
Contrast Ratio 1000:1
Viewing Angle 170° (H), 160° (V)
Number of Colors Supported 16.7M

Thermal and Environmental

Operating Temperature Array (32°F – 104°F)
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), 90±3% (P-Cap)
Hardness	Resistive: 3H, P-cap: 7H

Enclosure

Material	SUS304 Stainless Steel, Optional SUS316 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	1x Audio Line-Out, 1x Mic-In

Peripherals & Wireless Connectivity

WiFi	Optional WiFi + Bluetooth Flat Antenna Kit
Sim card	1x Nano SIM Card Slot
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional RFID (Cannot coexist with barcode scanner)

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	7.39 KG (16.3 lbs)
Dimensions	458 x 396 x 105 mm (18.0 x 15.6 x 4.1 in)

Battery

Certification

Certifications	CE, FCC
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Operating Systems

Warranty

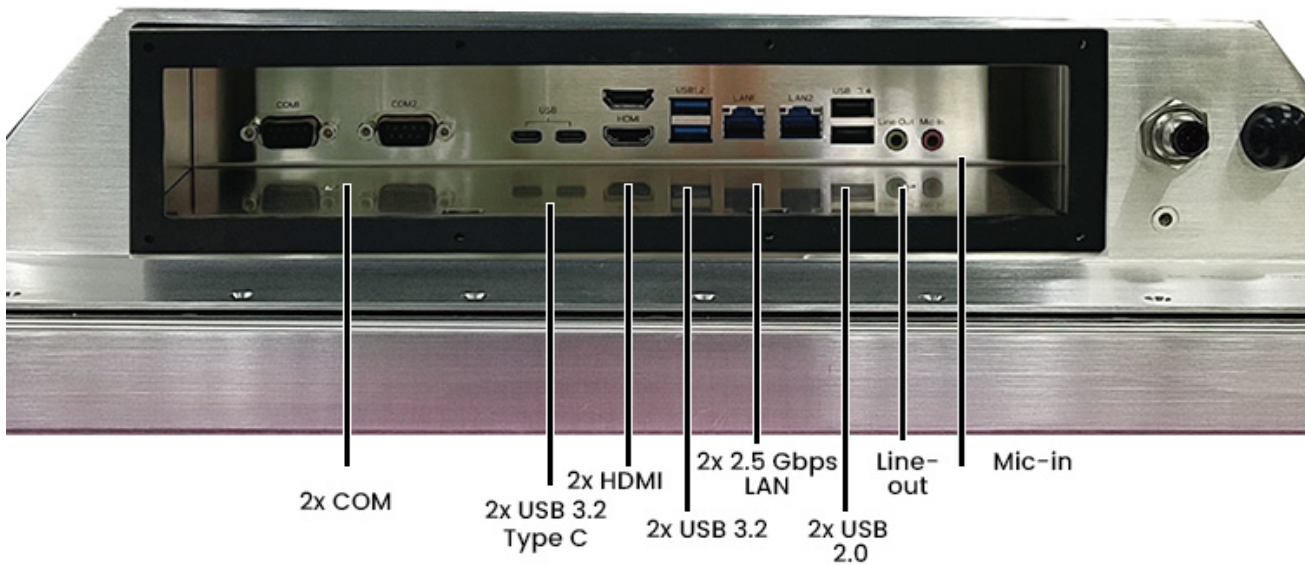
Windows	Windows 11 Pro, Windows 10 IoT, Windows 10 Pro	Warranty	Up to 5 Years
Linux	Linux		

Compatibility

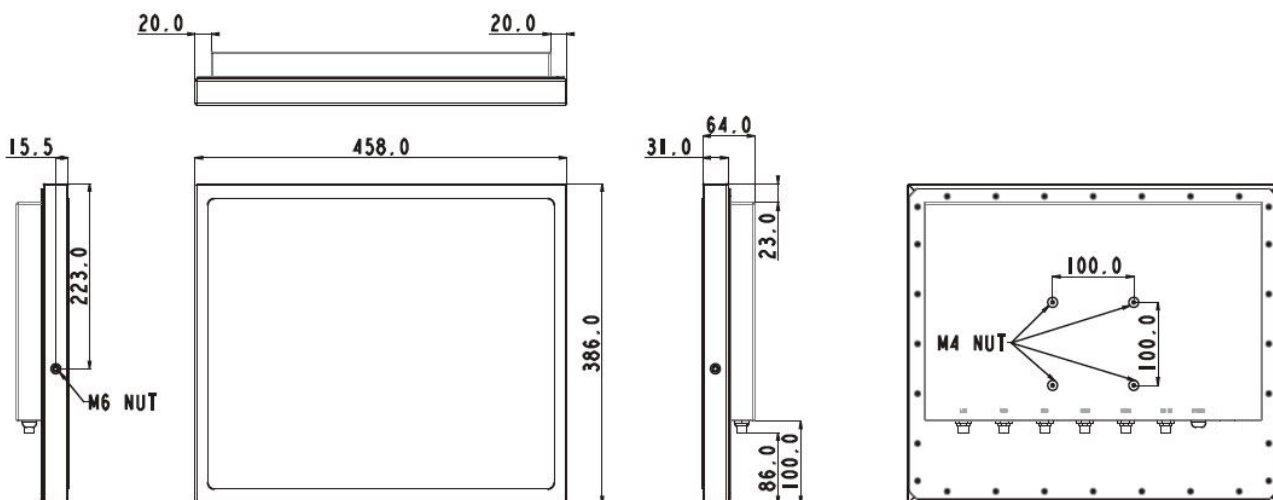
Filters

Security Hardware	TPM 2.0
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Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.