



Features

- 19" Resistive or PCap Touchscreen Options
- Intel Celeron J6412 Processor Passmark Rating 3839
- Windows 11 Capabilities
- Integrated Cable Gland supporting up to 5 I/O cables
- IP69K Waterproof Rated

Technical Specifications

General

Main Category Industrial Computer

Primary Components

Processor Family Intel Celeron Elkhart Lake
Processor Model Celeron J6412
Processor Speed 2.0 GHz, 2.6 GHz
Memory Type 2x DDR4 SO-DIMM
Memory Support 4GB, 8GB, 16GB, 32GB
Storage type 1x 2.5" SATA Drive Bay for SSD/HDD (Internal, not with removable drive in use), 1x M.2 SATA3 2242 Slot

Storage support M.2 and 2.5": 128GB - 1TB

Display

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

Expansion Slots

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 0% – 90% Non-condensing
Storage Humidity 10% – 90% Non-condensing
Cooling Solution Passive – Fanless

Touch Screen

Touch Screen	5 Wire Resistive, Projected Capacitive (Multi-touch)
Light Transmission	80±5% (Resistive), 90±3% (P-Cap)
Hardness	Resistive: 3H, P-cap: 7H

Enclosure

Material	Stainless Steel
Ip Rating	IP66, IP69K
Color	Stainless Steel
Control Buttons	Power Button
Mounting Options	VESA 100 Mount, Wall Mount, Yoke Mount

External I/O ports

USB	2x USB 2.0, 2x USB 3.2
Serial / Com	2x COM
Serial Protocol Detail	RS-232/422/485
Ethernet / LAN	1x RJ45 GbE LAN, 1x RJ45 2.5 GbE LAN
Video Outputs	1x HDMI 2.0b, 1x VGA
Audio	1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack
Power Input Port	M12 type 5-PIN DC-in

Peripherals & Wireless Connectivity

WiFi	Optional Wi-Fi 6 (802.11 a/b/g/n/ac/ax) Dual band with Flat Robust Antennas
BlueTooth	Optional Bluetooth 5.3
Barcode Scanner	Optional 1D/2D with Device Box

Power

Input Voltage Range	12-28V DC
Standard Power Adapter	100~277Vac /47~63 Hz/ 24Vdc, 120W, IP68

Dimensions / Weight

Weight	11.5 KG (25.4 lbs)
Dimensions	458 x 64 x 386 mm (18.0 x 2.5 x 15.2 in)

Battery

Certification

Operating Systems

Windows	Windows 11 IoT, Windows 11 Pro, Windows 10 IoT, Windows 10 Pro
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Warranty

Warranty	Up to 5 Years
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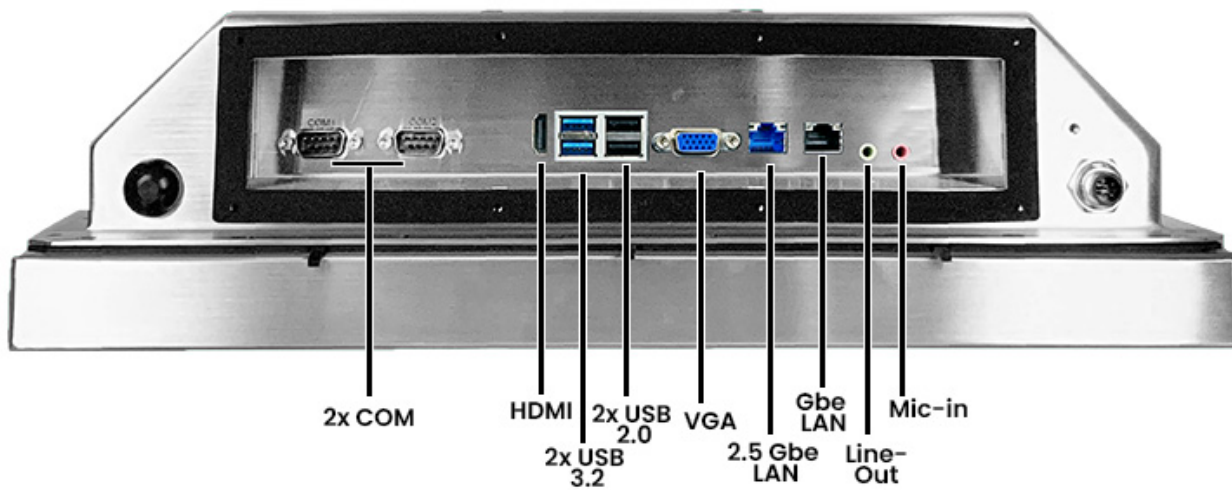
Compatibility

Security Hardware	fTPM 2.0, Optional TPM 2.0
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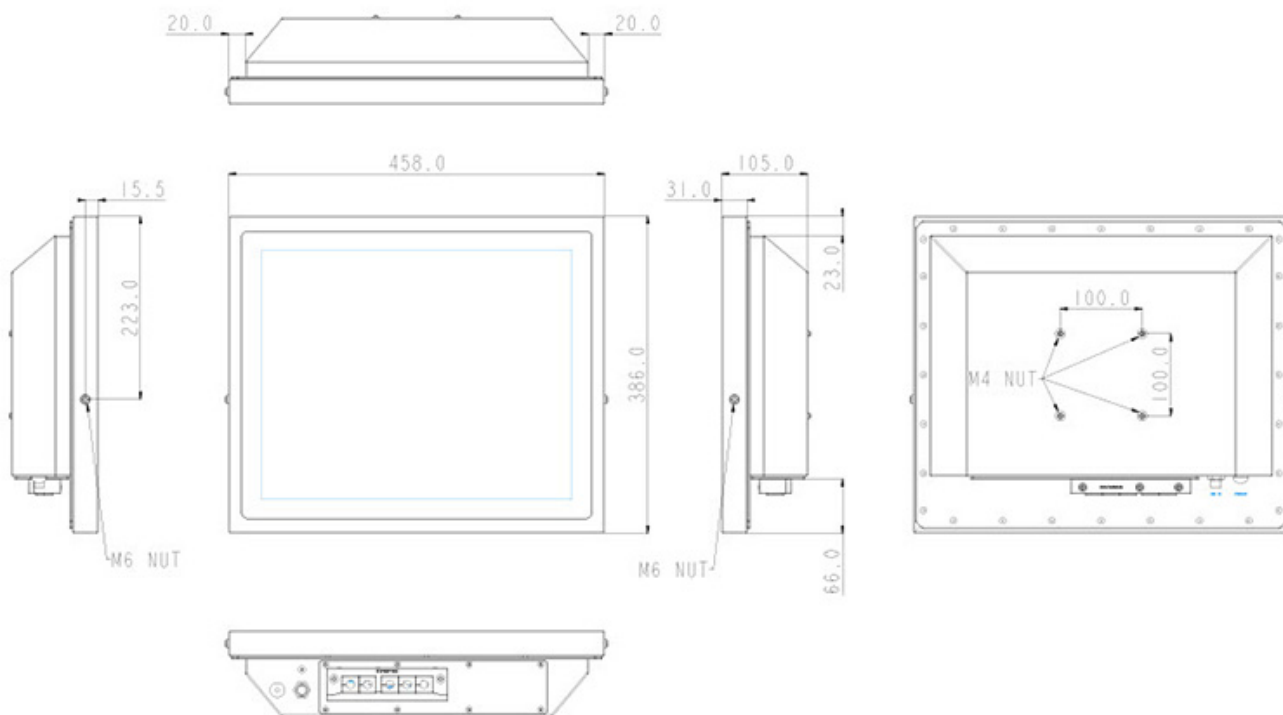
Filters

Main Category Filter	Industrial Computer
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Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.