



Features

- 7” Resistive or PCAP Touchscreen
- Intel Celeron J6412 Processor
- Windows 11 Operating System
- IP66/IP69K Stainless Steel Front Bezel
- Aluminum Back Enclosure

Technical Specifications

General

Expansion Slots

Internal Mini PCIe	1x Mini-PCIe
Internal M.2	1x M.2 2230 Key E (for WiFi expansion option)

Primary Components

Multimedia

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412 Quad
Processor Speed	2.0 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage type	1x M.2 M Key, PCIe or SATA, 2242 default or 2280
Storage support	128GB-1TB

Display

Thermal and Environmental

Screen Size	7"
Resolution	800 x 480 (WVGA)
Screen Ratio	5:3
Brightness	300 nits, Optional 1000 nit High Brightness
Contrast Ratio	2000:1

Operating Temperature	Array (32°F – 122°F; Optional -4°F – 140°F)
Storage Temperature	Array (-22°F – 158°F)
Humidity Range	10% – 95% Non-condensing
Storage Humidity	10% – 90% Non-condensing
Cooling Solution	Passive – Fanless

Touch Screen

Touch Screen	Projected Capacitive, Resistive
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Enclosure

Material	Aluminum, SUS304 Stainless Steel, Optional SUS316 Stainless Steel
Ip Rating	IP66 Front Bezel, IP69K Front Bezel
Color	Silver, Stainless Steel
Mounting Options	Panel Mount, VESA 75 Mount

External I/O ports

USB	2x USB 2.0, 2x USB 3.2
Serial / Com	1x COM
Serial Protocol Detail	1x RS-232/422/485 DB-9, default RS-232(COM1)
Ethernet / LAN	2x RJ45 2.5 GbE LAN
Video Outputs	1x DisplayPort
Audio	1x Audio Line-Out
Power Input Port	DC-in Jack (Phoenix Type)

Peripherals & Wireless Connectivity

WiFi	Optional 802.11 ac + Bluetooth with External Antennas
BlueTooth	Optional Bluetooth 4.0

Power

Input Voltage Range	9-36V DC
Standard Power Adapter	Optional 12V 5A AC/DC Adapter

Dimensions / Weight

Weight	1.6 KG (3.5 lbs)
Dimensions	217 x 163 x 40 mm (8.5 x 6.4 x 1.6 in)

Battery

Certification

Certifications	CE, EN 1672-2 Complaint (PCAP Touchscreen Only), FCC Class A
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Operating Systems

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

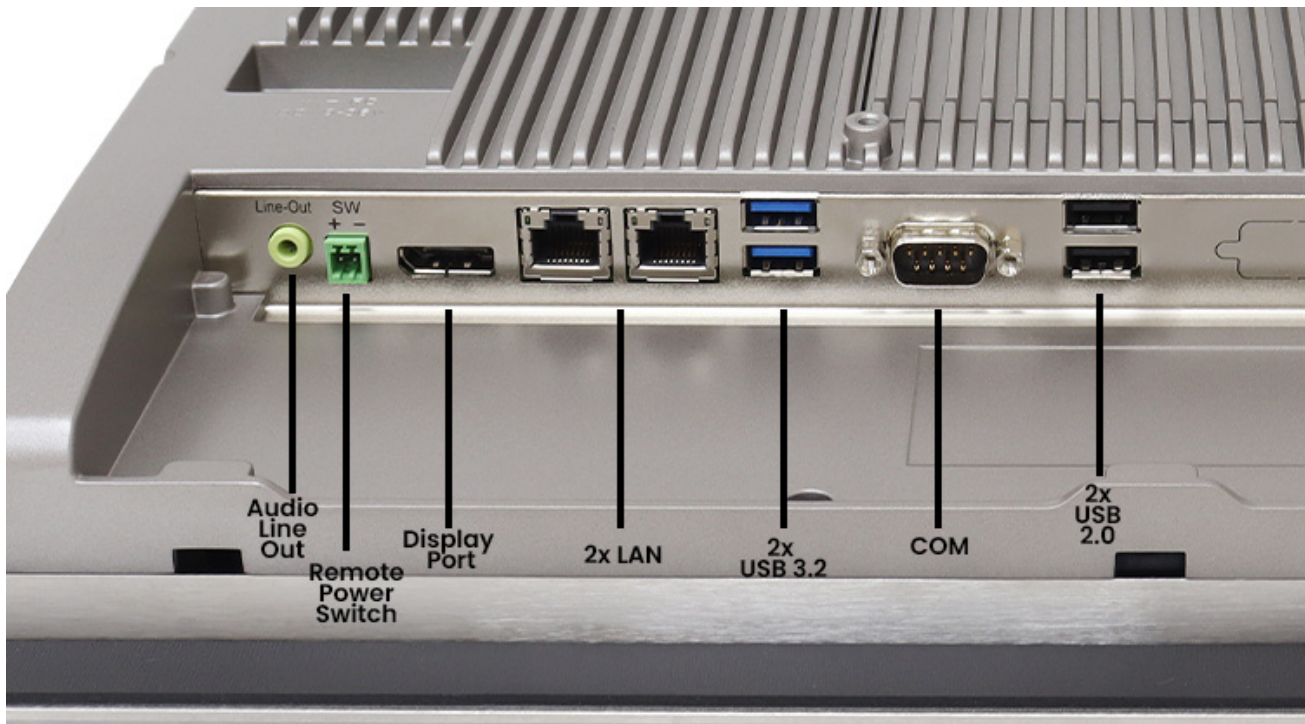
Warranty	Up to 5 Years
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Compatibility

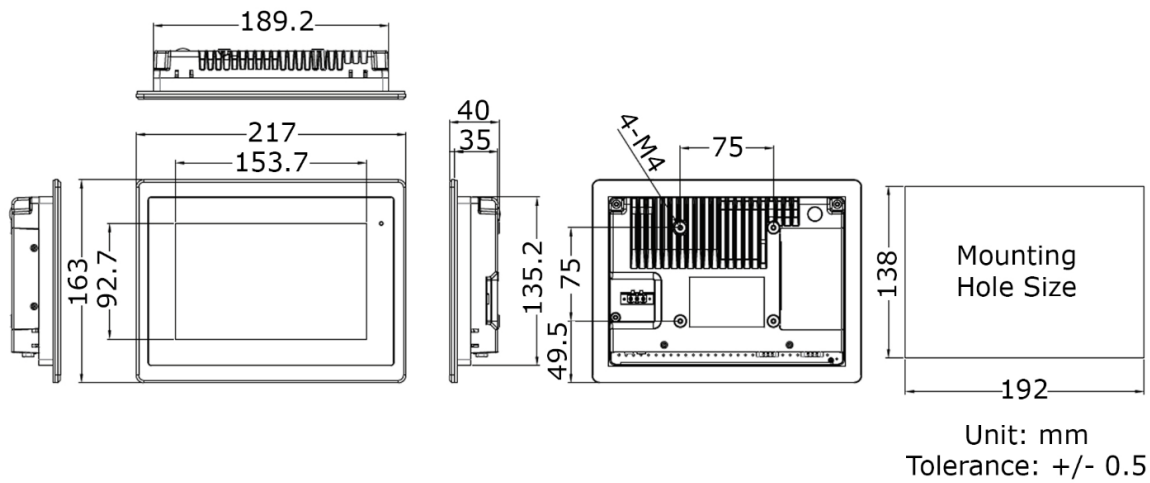
Filters

Main Category Filter	Industrial Computer
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Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.