



Features

- 8" Resistive or PCAP Touchscreen
- Intel Celeron J6412 Quad Core Processor
- WiFi 6 Capable
- Windows 11 Capabilities
- Die Cast Aluminum Housing and IP66 Rated Front Bezel

Technical Specifications

General

Main Category Industrial Computer

Expansion Slots

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

Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412
Processor Speed	2.0 GHz, Up to 2.6 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage type	1x M.2 SATA3 2242 Slot
Storage support	M.2: 256GB-1TB

Multimedia

Display

Screen Size	8"
Resolution	800 x 600 (SVGA)
Screen Ratio	4:3
Brightness	350 nits, Optional 1000 nit High Brightness
Viewing Angle	140° (H), 125° (V)

Thermal and Environmental

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
Cooling Solution	Passive – Fanless with Heatsink

Touch Screen

Touch Screen	Projected Capacitive, Resistive
Light Transmission	Over 80% (Resistive), Over 90% (P-Cap)

Enclosure

Material	Aluminum
Ip Rating	IP66 Front Bezel
Color	Gray
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	RS-232/422/485 (Default RS-232; select via BIOS)
Ethernet / LAN	2x RJ45 2.5 GbE LAN
Video Outputs	1x DisplayPort, supports DP++
Audio	1x Audio Line-Out
Power Input Port	3-Pin DC-In (Phoenix Type)

Power

Input Voltage Range	9-36V DC
Standard Power Adapter	Optional 12V AC/DC Adapter, 5A, 60W

Battery

Operating Systems

Windows	Windows 11 Pro, Windows 10 IoT, Windows 10 Pro
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Compatibility

Peripherals & Wireless Connectivity

WiFi	Optional WiFi
BlueTooth	Optional Bluetooth 4.0

Dimensions / Weight

Weight	1.9 KG (4.2 lbs)
Dimensions	231 x 176 x 50 mm (9.1 x 6.9 x 2.0 in)

Certification

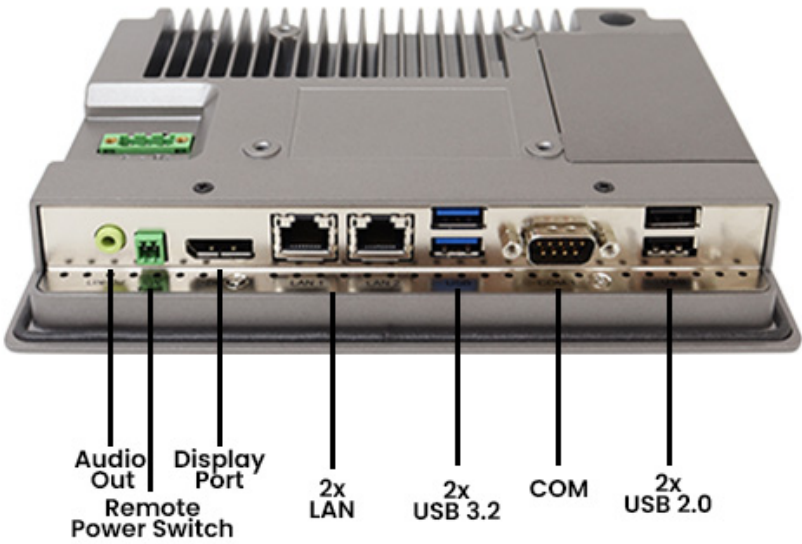
Warranty

Warranty	Up to 5 Years
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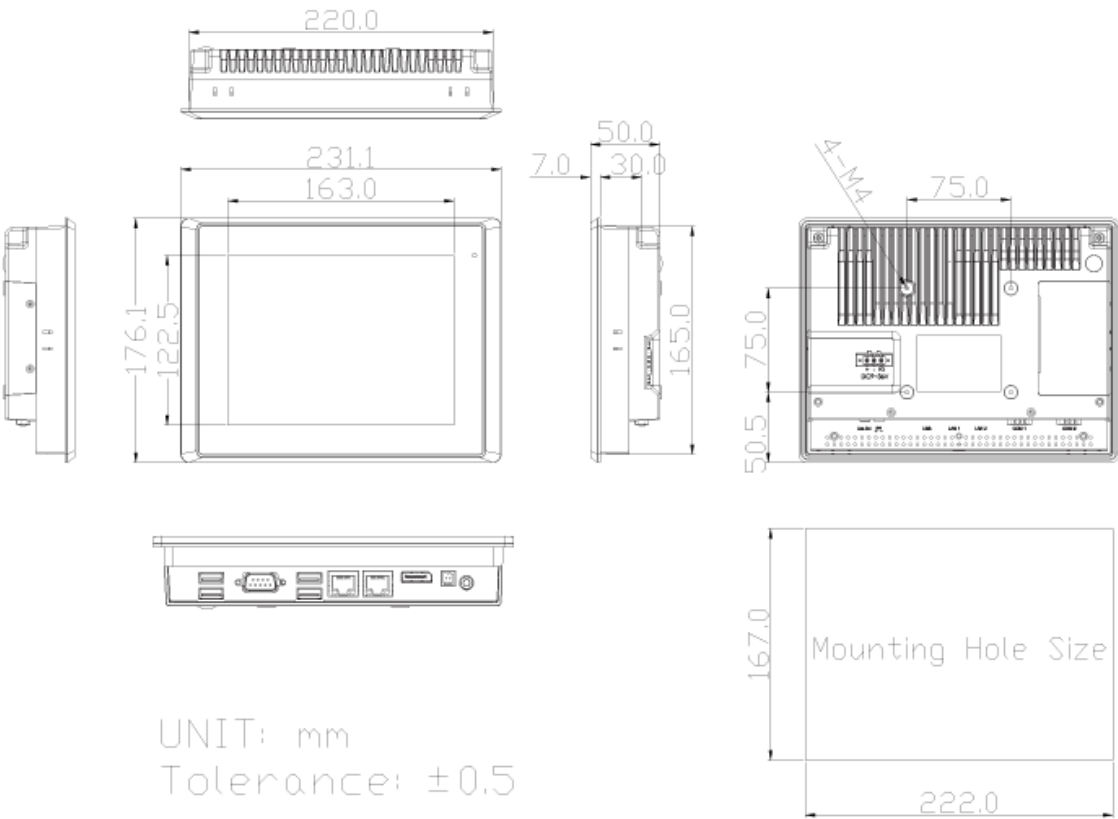
Filters

Main Category Filter Industrial Computer

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.