



Features

- Resistive or PCAP 7" Touchscreen Options
- Intel Celeron J6412 Quad Core Processor
- Die Cast Aluminum Housing and IP66 Rated Front Bezel
- WiFi 6 Capable

Technical Specifications

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

Display

Screen Size	7"
Screen Resolution	800 x 480 (WVGA)
Screen Ratio	5:3
Brightness	350 nits, Optional 1000 nit High Brightness

Touch Screen

Touch Screen	Projected Capacitive, Resistive
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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 Ports	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

Operating Systems

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

Expansion Slots

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

Thermal & Environmental

Operating Temperature 0°C - 50°C (32°F – 122°F), -20°C - 60°C (Optional -4°F – 140°F)
Storage Temperature -30°C - 70°C (-22°F – 158°F)
Cooling Solution Passive – Fanless with Heatsink
Humidity Range 10% – 95% Non-condensing

Enclosure

Material Aluminum
IP Rating IP66 Front Bezel
Color Gray
Mounting Options Panel Mount, VESA 100 Mount

Peripherals & Wireless Connectivity

WiFi Optional WiFi
Bluetooth Optional Bluetooth 4.0

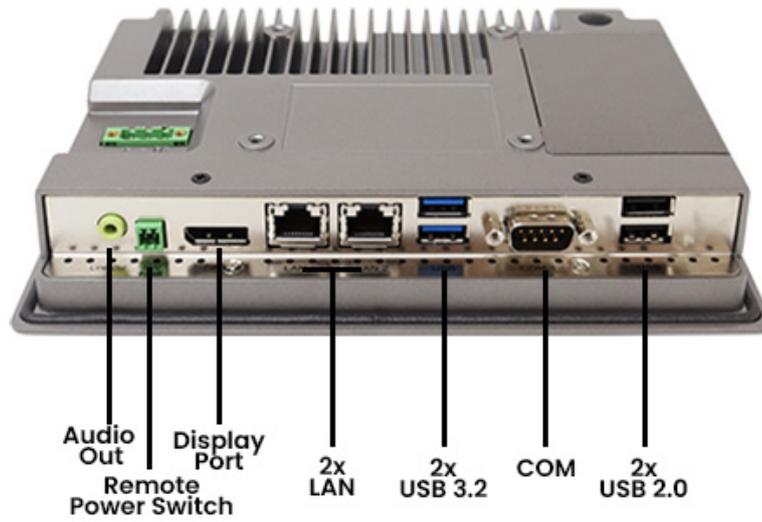
Weight / Dimensions

Weight 1.1 kg (2.4 lbs)
Dimensions 202 x 149 x 40 mm (8.0 x 5.9 x 1.6 in)

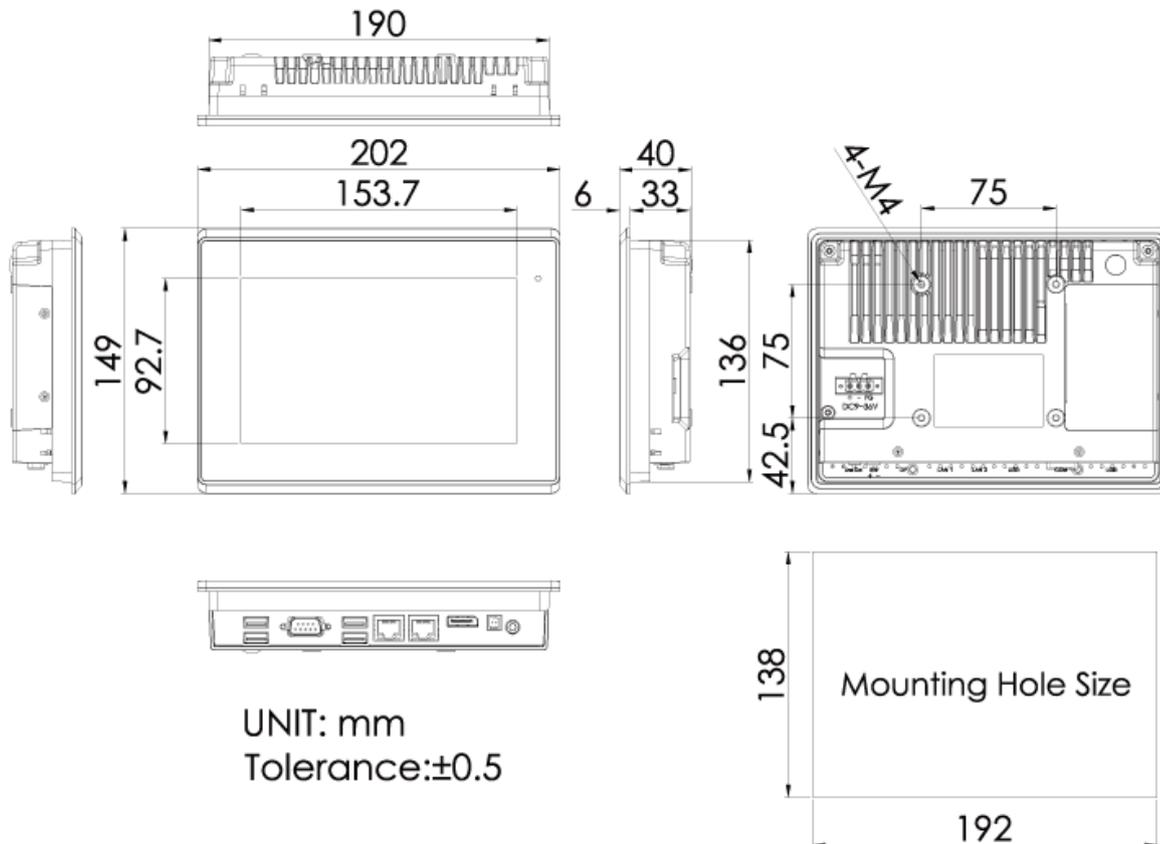
Warranty

Warranty Up to 5 Years

I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.