



## Features

- 15.6" Resistive or PCAP Touchscreen
- Intel Celeron J6412 Processor
- Windows 11 Operating System
- IP66/IP69K Stainless Steel Front Bezel
- Aluminum back enclosure

## Technical Specifications

### Primary Components

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

### Display

Screen Size	15.6"
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:9
Brightness	500 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
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 Ports	1x Audio Line-Out
Power Input Port	DC-in Jack (Phoenix Type)

### Power

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

## Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 IoT, Windows 11 Pro
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## Expansion Slots

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option)
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## 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
Humidity Range	10% – 95% Non-condensing
Storage Humidity	10% – 90% Non-condensing

## Enclosure

Material	Aluminum, Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66 Front Bezel, IP69K Front Bezel
Color	Silver, Stainless Steel
Mounting Options	Panel Mount, VESA 100 Mount

## Peripherals & Wireless Connectivity

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

## Weight / Dimensions

Weight	5.2 kg (11.5 lbs)
Dimensions	424 x 290 x 58.1 mm (16.7 x 11.4 x 2.3 in)

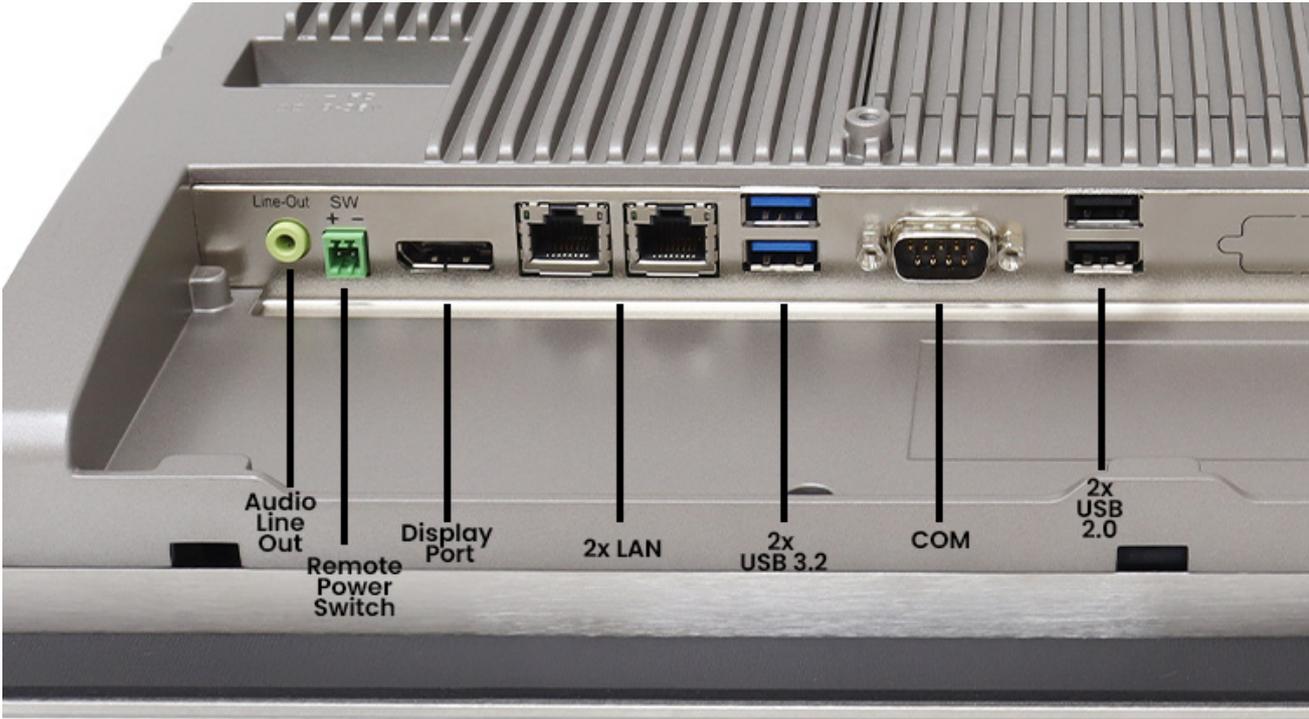
## Certification

Certifications	CE, EN 1672-2 Compliant (PCAP Touchscreen Only), FCC Class A
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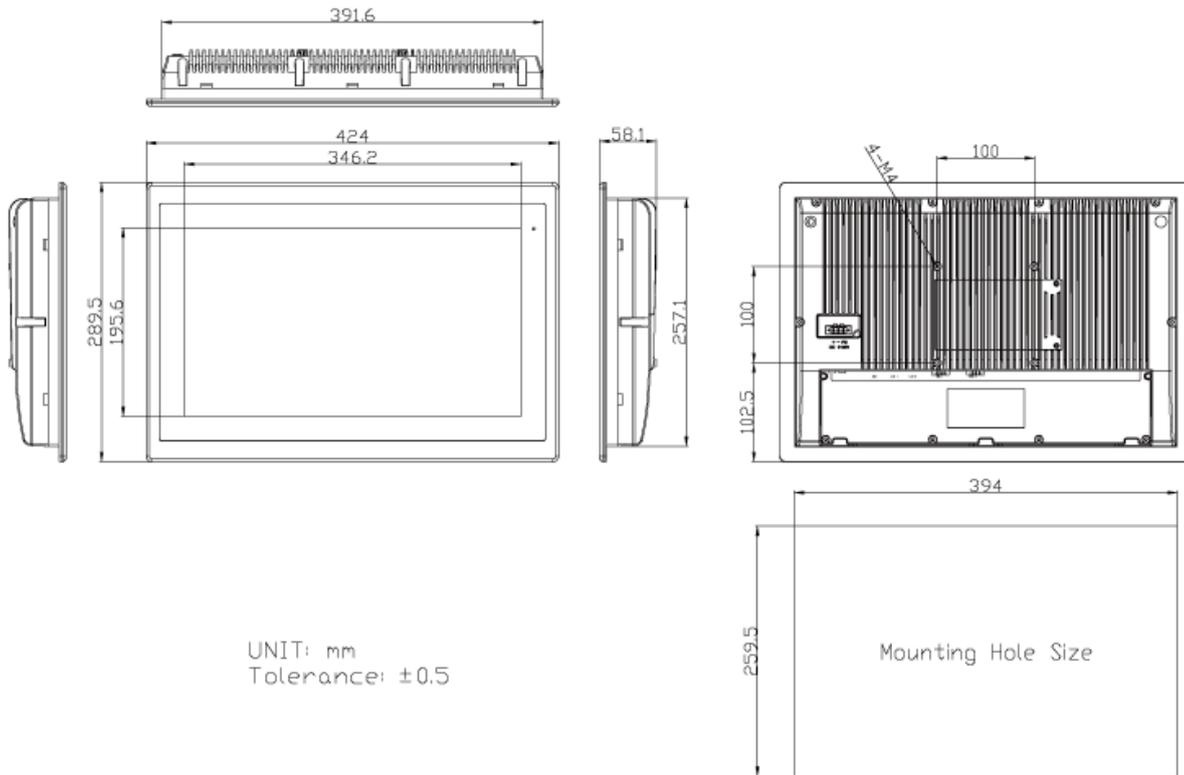
## Warranty

Warranty	Up to 5 Years
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I/O Diagram Images



Tech Diagram Images



UNIT: mm  
Tolerance: ±0.5

*All specifications are subject to change without notice.*