



Features

- 12.1" Resistive or PCAP Touchscreen
- Intel Celeron J6412 Quad Core Processor
- Designed for flexible IO expansion
- Windows 11 Capabilities
- Die Cast Aluminum Housing and IP66 Rated Front

Technical Specifications

Primäre Komponenten

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	12.1"
Screen Ratio	4:3
Brightness	500 nits, Optional 1000 nit High Brightness

Touchscreen

Touch Screen	Projected Capacitive, Resistive
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Externe E/A-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	2-Pin Power Switch, 3-Pin DC-In (Phoenix Type), Optional POE++, 45W with 2x USB 2.0

Leistung

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

Batterie

Battery Type	Optional Internal Battery
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Betriebssysteme

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

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

Speakers	Optional Speaker
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Thermisch & Umwelt

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

Gehäuse

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

Peripheriegeräte und drahtlose Konnektivität

WiFi	Optional WiFi
Bluetooth	Optional Bluetooth 4.0

Gewicht / Abmessungen

Weight	2.8 kg (6.2 lbs)
Dimensions	319 x 245 x 51.7 mm (12.6 x 9.6 x 2.0 in)

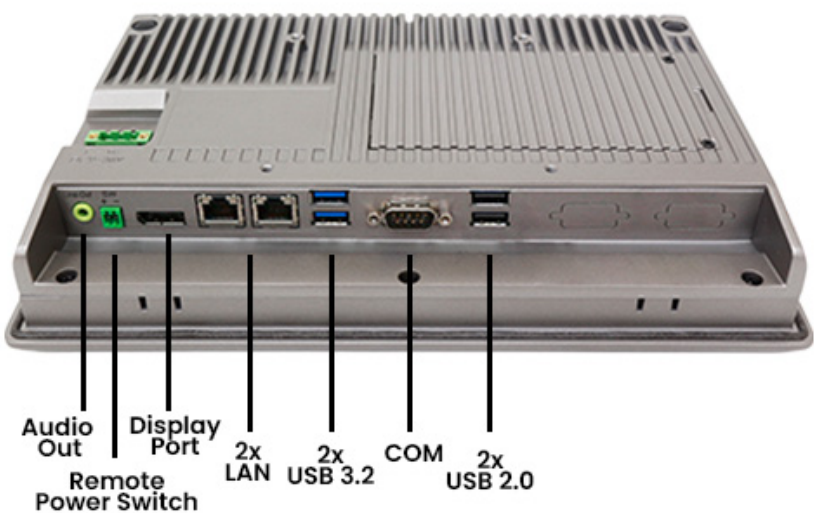
Zertifizierung

Certifications	CE, FCC, UL 62368
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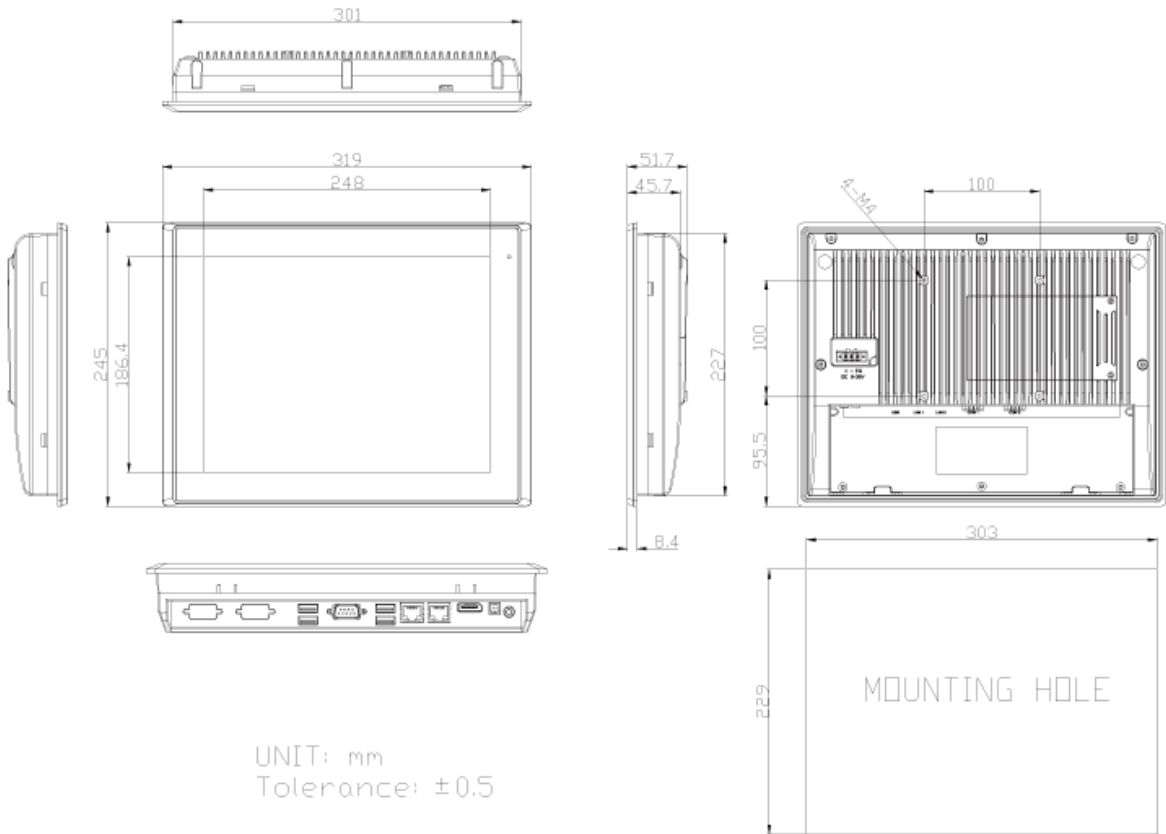
Garantie

Warranty Up to 5 Years

I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.