



Features

- 12.1" Touchscreen in Both Resistive and PCap Options
- Celeron J6412 Processor Passmark Rating 3839
- Windows 11 Compatibility
- IP66 Stainless Steel Housing
- Waterproof M12 I/O Connectors

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	128GB-1TB

Display

Screen Size	12.1"
Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	450 nits, Optional 1000 nit High Brightness

Touchscreen

Touch Screen	Projected Capacitive (Multi-touch), Resistive
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Externe E/A-Ports

USB	1x M12 8Pin for USB 1/2, 1x Optional M12 8Pin for USB 3/4
Serial / Com	1x M12 8-pin for COM, 1x Optional M12 8-pin for COM 2
Serial Protocol Detail	RS-232/422/485, RS-232 Default
Ethernet / LAN	1x M12 8pin RJ45 Gbe LAN, 1x Optional M12 8pin RJ45 Gbe LAN
Power Input Port	M12 type 3-PIN DC-in

Leistung

Input Voltage Range	9-36V DC
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Betriebssysteme

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

Security Hardware TPM 2.0

Erweiterungssteckplätze

Internal M.2 1x M.2 Type E

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
Humidity Range 10% – 95% Non-condensing

Gehäuse

Material Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating IP66, IP69K Front Bezel
Color Stainless Steel
Led Indicator Light Power
Control Buttons Power Button, Touchscreen Lock for Cleaning
Mounting Options Desktop Stand, VESA 75 Mount, Wall Mount, Yoke Mount

Peripheriegeräte und drahtlose Konnektivität

WiFi Optional Wi-Fi 6, 802.11 a/b/g/n/ac/ax
Bluetooth Optional Bluetooth 5.3
Sim Card 1x Nano SIM Card Slot
RFID Optional 125KHz OR 13.56 MHz
Sensors Light Sensor

Gewicht / Abmessungen

Dimensions 335 x 53 x 256 mm (13.2 x 2.1 x 10.1 in)

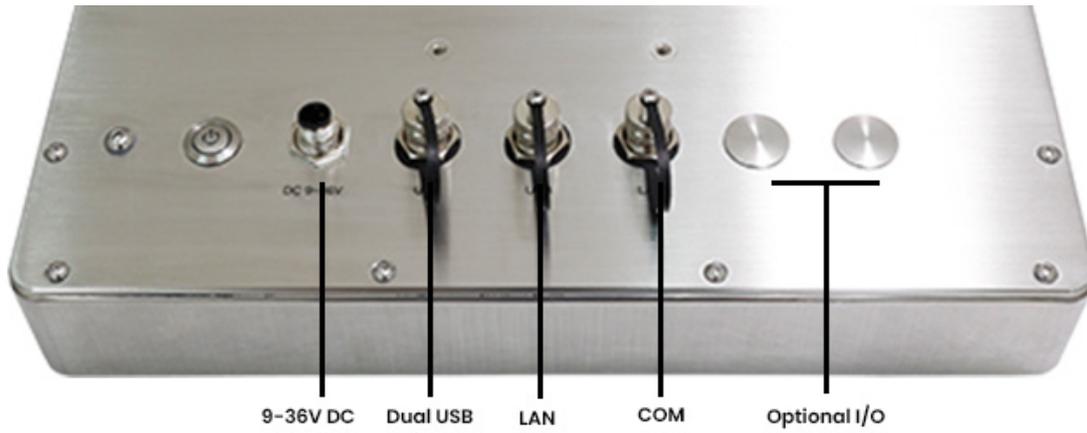
Zertifizierung

Certifications CE, FCC

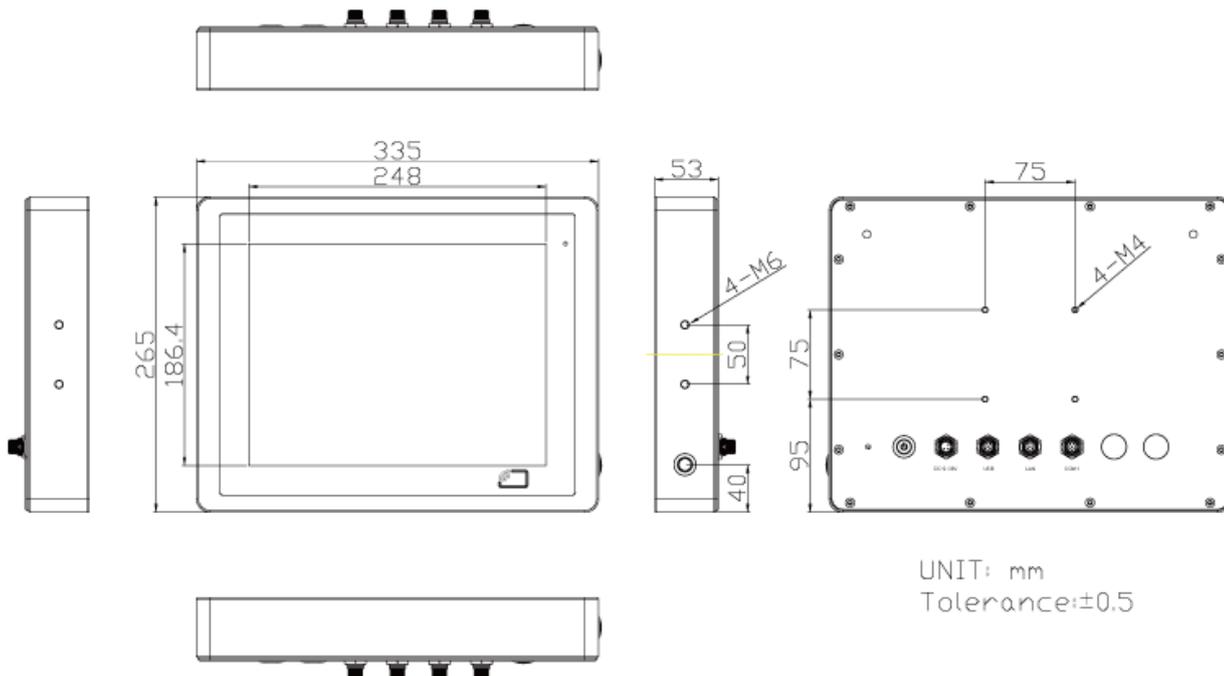
Garantie

Warranty Up to 5 Years

I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.