



Features

- 12.1" LCD Touchscreen
- Intel 8th Gen Core i3/i5 Processor
- Slim and Fanless Design
- IP66/IP69K Stainless Steel Front Bezel

Technical Specifications

Primäre Komponenten

Processor Family	Intel Core I series 8th Generation Whiskey Lake-U
Processor Model	Core i3 8145UE, Core i5-8365UE
Processor Speed	2.3 GHz, Up to 4.1 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x M.2 M Key, PCIe or SATA, 2242 default or 2280
Storage Support	128GB-1TB

Display

Screen Size	12.1"
Screen Ratio	4:3
Brightness	450 nits, Optional 1000 nit High Brightness

Touchscreen

Touch Screen	Projected Capacitive, Resistive
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Externe E/A-Ports

USB	4x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	Included Y-Cable provides two DB-9 Com ports: 1x 5-pin RS-232 (COM1) and 1x Configurable 3-Pin RS-232/422/485 (COM2)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x DisplayPort
Audio Ports	1x Audio Line-Out
Power Input Port	DC-in Jack (Phoenix Type)

Leistung

Input Voltage Range	9-36V DC
Max Power Consumption	56W
Standard Power Adapter	Optional 12V 5A AC/DC Adapter

Betriebssysteme

Windows Windows 10 IoT, Windows 10 Pro, Windows 11

Erweiterungssteckplätze

Internal M.2 1x M.2 for NVME SSD Support

Thermisch & Umwelt

Operating Temperature 0°C - 50°C (32°F – 122°F (i3/i5)), -20°C - 60°C (Optional -4°F – 140°F)
Storage Temperature -20°C - 60°C (-4°F – 140°F)
Cooling Solution Passive – Fanless
Humidity Range 10% – 95% Non-condensing
Storage Humidity 10% – 90% Non-condensing

Gehäuse

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
Approved Cleaning Solutions Acetic Acid (low concentration), Ammonium Nitrate (low concentration), Benzine, Citric Acid (low concentration), Ethanol, Ethylene Glycol Solution (1:1 with water), Hexane, Hydrochloric Acid (low concentration), Iron Chloride Solution, Isooctane, Isopropyl Alcohol, Nitric Acid (low concentration), Paraffin, Perhydrol (30% in water), Phosphoric Acid (low concentration), Propane, Silicone Oil, Sodium Carbonate (low concentration), Sodium Chloride Solution, Sodium Nitrate (low concentration), Sulfuric Acid (low concentration), Triethylene Glycol

Peripheriegeräte und drahtlose Konnektivität

WiFi Optional 802.11 ac + Bluetooth with External Antennas
Bluetooth Optional Bluetooth 4.0
Sim Card 1x Nano SIM Card Slot

Gewicht / Abmessungen

Weight 2.5 kg (5.5 lbs)
Dimensions 331 x 257 x 52 mm mm (13.0 x 10.1 x 2.0 in)

Zertifizierung

Certifications

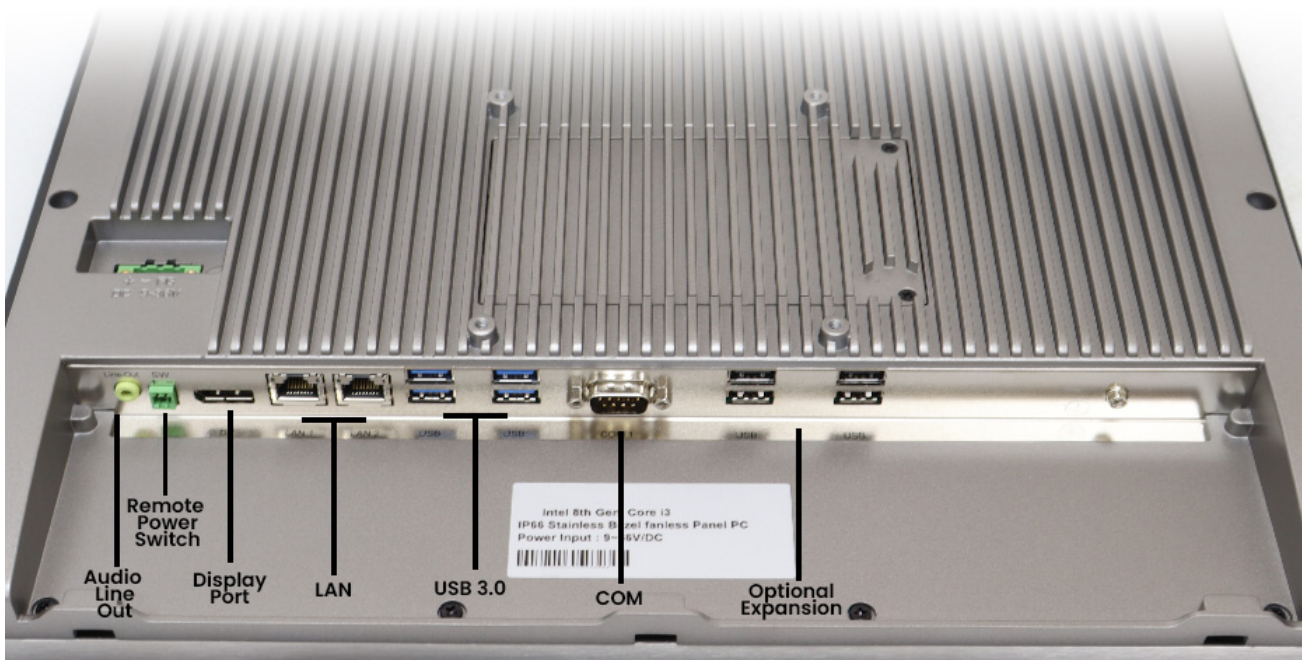
CE, EN 1672-2 Complaint (PCAP Touchscreen Only), FCC Class A

Garantie

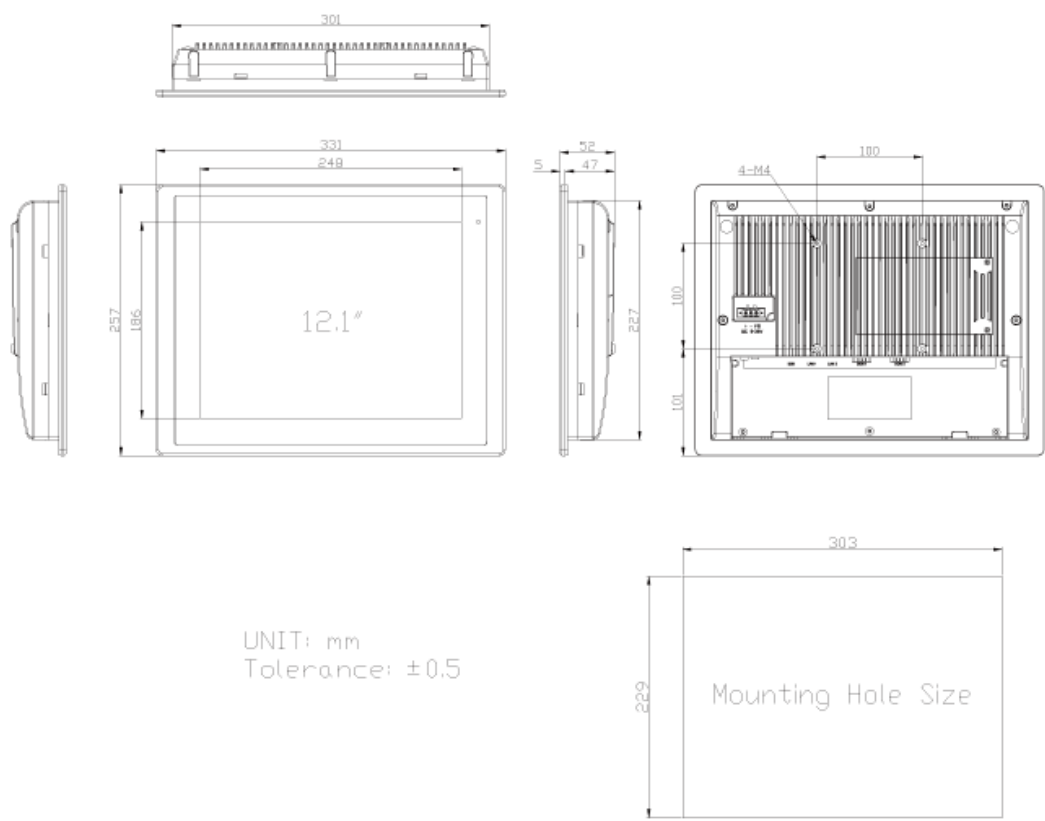
Warranty

Up to 5 Years

I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.