



## Features

- 18.5" PCAP Touch Display
- 12th Generation Alder Lake-N processor
- Tough form factor for rugged operation
- Options for POE and wide input DC power
- Option to upgrade to Core i3

## Technical Specifications

### Primäre Komponenten

Processor Family	Intel Core I series 12th Generation Alder Lake
Processor Model	Core i3-N305, Intel Processor N97
Processor Speed	Up to 3.6 GHz, Up to 3.8 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB
Storage Support	128GB-1TB

### Display

Screen Size	18.5"
Resolution	1366 x 768
Screen Ratio	16:9
Brightness	450 nits

### Touchscreen

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

USB	1x USB 3.0 type C, 2x USB 3.0, 4x USB 2.0
Serial / Com	3x RJ48 COM
Serial Protocol Detail	RS232
Ethernet / LAN	1x RJ45 GbE LAN
Video Outputs	1x DisplayPort via USB-C Alt Mode
Other Ports	1x RJ11
Power Input Port	4-Pole DIN (latching)

### Leistung

Input Voltage Range	12-48V DC
Standard Power Adapter	External 19V/3.42A 65W DC Power Adapter (120W Adapter with Powered USB Option)

## Betriebssysteme

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

## Erweiterungssteckplätze

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option), 1x M.2 for NVME SSD Support
Expansion Module support	1x Expansion Board Slot with Options for POE, Wide Range Power, Isolated Serial & LAN and Powered USB

## Multimedia

Speakers	1x 3W Speaker
Camera	Optional 5MP Webcam

## Thermisch & Umwelt

Operating Temperature	0°C - 40°C (32°F – 104°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive
Humidity Range	20% – 85% Non-condensing

## Gehäuse

Material	Aluminum
IP Rating	IP65 Front Bezel
Color	Black Touch w/ Silver Border and Black Rear (Default) or White Rear (Optional)
Led Indicator Light	Power
Control Buttons	Power Button, Power Switch
Mounting Options	VESA Mount

## Peripheriegeräte und drahtlose Konnektivität

WiFi	Optional WiFi 6 (AX)
Bluetooth	Optional Bluetooth 5.2

## Gewicht / Abmessungen

Weight	5 kg (11.0 lbs)
Dimensions	454 x 287 x 47 mm (17.9 x 11.3 x 1.9 in)

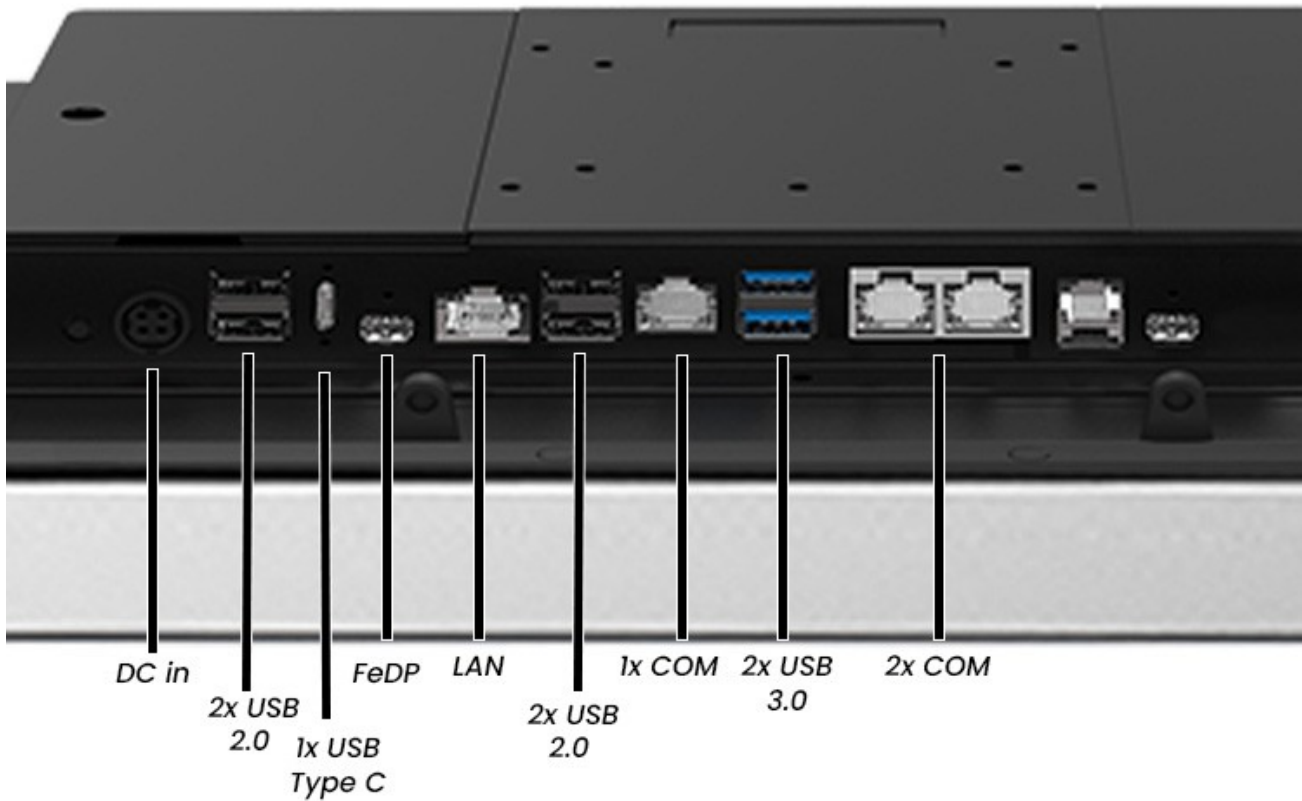
## Zertifizierung

Certifications CE, FCC

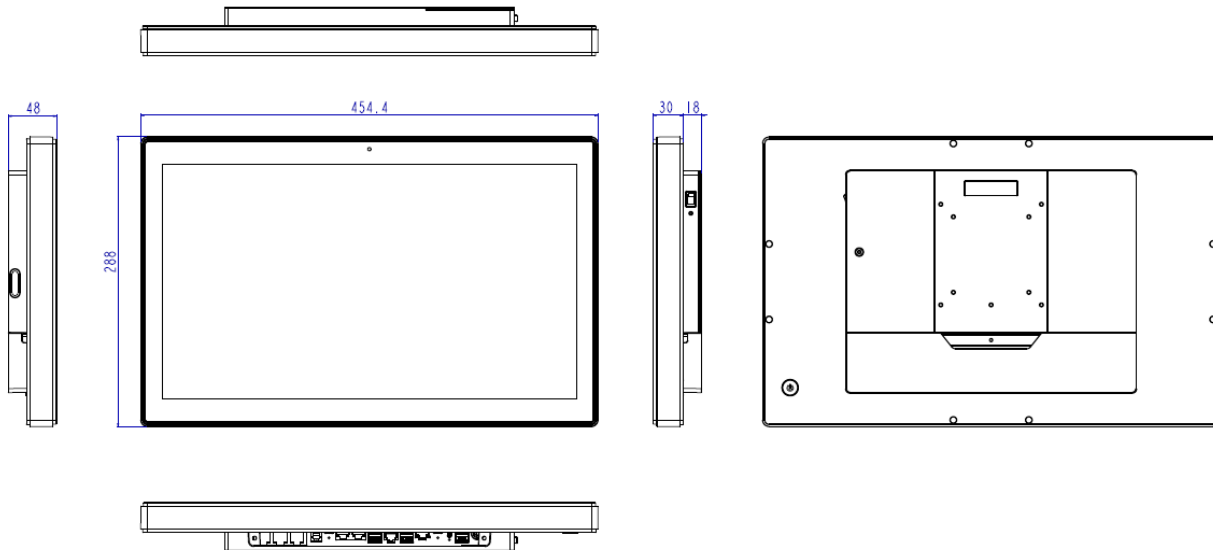
## Garantie

Warranty Up to 5 Years

### I/O Diagram Images



### Tech Diagram Images



*All specifications are subject to change without notice.*