



## Features

- 18.5" PCAP Touch Display
- 12th Generation Alder Lake-N processor
- Designed for medical compliance
- Options for POE and wide input DC power
- Option to upgrade to Core i3
- [Durable Flat Wi-Fi Antenna Kit](#)

## Technical Specifications

### Primary Components

|                  |  |
|------------------|--|
| 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"      |
| Screen Resolution | 1366 x 768 |
| Screen Ratio      | 16:9       |
| Brightness        | 450 nits   |

### Touch Screen

|              |                                    |
|--------------|------------------------------------|
| Touch Screen | Projected Capacitive (Multi-touch) |
|--------------|------------------------------------|

### External I/O 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)                     |

### Power

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

## Operating Systems

|         |  |
|---------|--|
| Windows | Windows 10 IoT, Windows 10 Pro, Windows 11 IoT, Windows 11 Pro |
| Linux   | Linux  |

## Expansion Slots

|                          |   |
|--------------------------|---|
| 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 |

## Thermal & Environmental

|                       |                             |
|-----------------------|-----------------------------|
| 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    |

## Enclosure

|                     |  |
|---------------------|--|
| 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   |

## Peripherals & Wireless Connectivity

|           |                        |
|-----------|------------------------|
| WiFi      | Optional WiFi 6 (AX)   |
| Bluetooth | Optional Bluetooth 5.2 |

## Weight / Dimensions

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

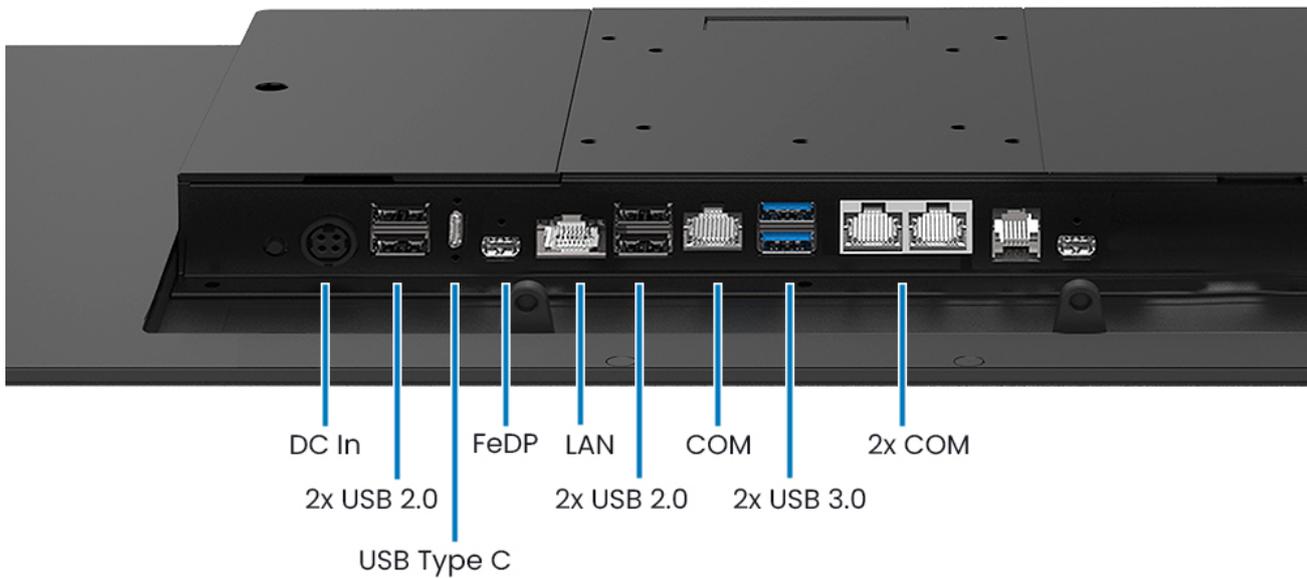
**Certification**

Certifications CE, FCC

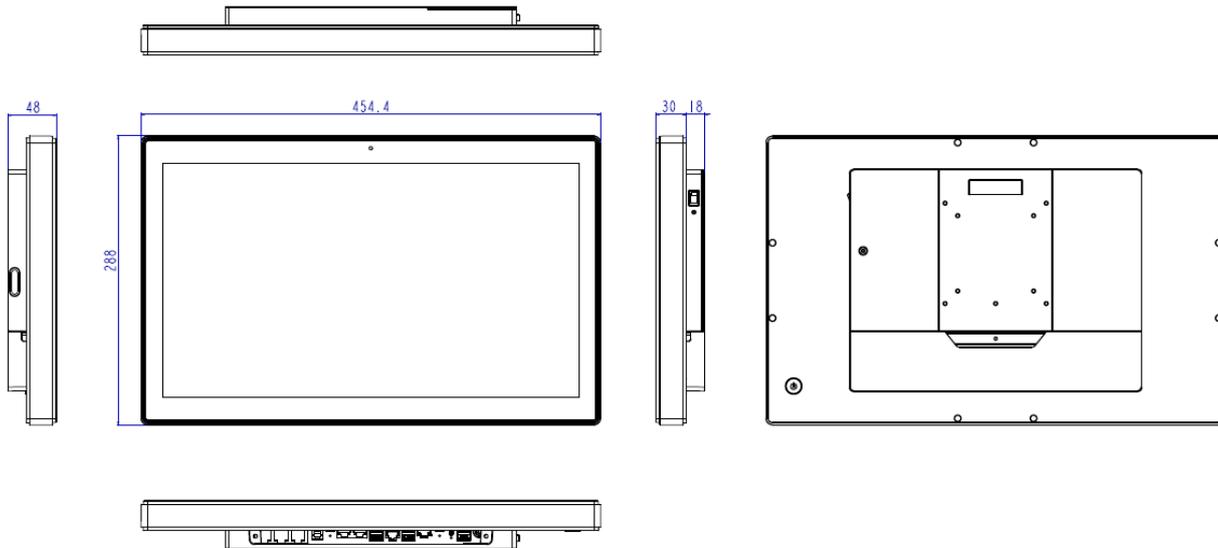
**Warranty**

Warranty Up to 5 Years

**I/O Diagram Images**



**Tech Diagram Images**



*All specifications are subject to change without notice.*