



## Features

- 18.5" Full Flat IP65 Protected Touchscreen
- Intel Tiger Lake Core i5 CPU
- Fanless and low power consumption
- Aluminum Die-Cast Housing
- Multiple I/Os including 2x USB Type C, 2x USB 3.0, 2x USB 2.0, 1x LAN, 2x DB9

## Technical Specifications

### Primary Components

Processor Family	Intel Core I series 11th Generation Tiger Lake
Processor Model	Core i5 1145G7
Processor Speed	2.6 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	2GB, 4GB, 8GB, 16GB
Storage Type	1x M.2 slot for SSD
Storage Support	32GB-1TB

### Display

Screen Size	18.5"
Screen Resolution	1366 x 768, Optional 1920 x 1080
Screen Ratio	16:9
Brightness	250 nits

### Touch Screen

Touch Screen	Projected Capacitive
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### External I/O Ports

USB	2x USB 2.0, 2x USB 3.0, 2x USB 3.0 type C
Ethernet / LAN	1x RJ45 GbE LAN
Other Ports	2x DB9 COM
Power Input Port	4-Pole DIN (latching)

### Power

Input Voltage Range	19V DC
Standard Power Adapter	120W

## Operating Systems

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

## Compatibility

Security Hardware fTPM 2.0, Intel vPro Technology: Intel AMT Supported

## Expansion Slots

Video Card Support Intel HD Graphics

## Multimedia

Speakers 2x 2W Speakers

Camera 2MP Webcam

## Thermal & Environmental

Operating Temperature 0°C - 35°C (32°F – 95°F)

Storage Temperature -20°C - 60°C (-4°F – 140°F)

Cooling Solution Passive – Fanless

Humidity Range 20% – 85% Non-condensing

## Enclosure

Material Aluminum

IP Rating IP65 Front Bezel

Color Black, White

Mounting Options VESA 75 Mount, Wall Mount

## Peripherals & Wireless Connectivity

WiFi Optional 802.11 b/g/n/ac

Bluetooth Optional Bluetooth 5.1

Barcode Scanner Optional 1D/2D Barcode Scanner

RFID Optional RFID Module

## Weight / Dimensions

Weight 6.8 kg (15.0 lbs)

Dimensions 464 x 48 x 284 mm (18.3 x 1.9 x 11.2 in)

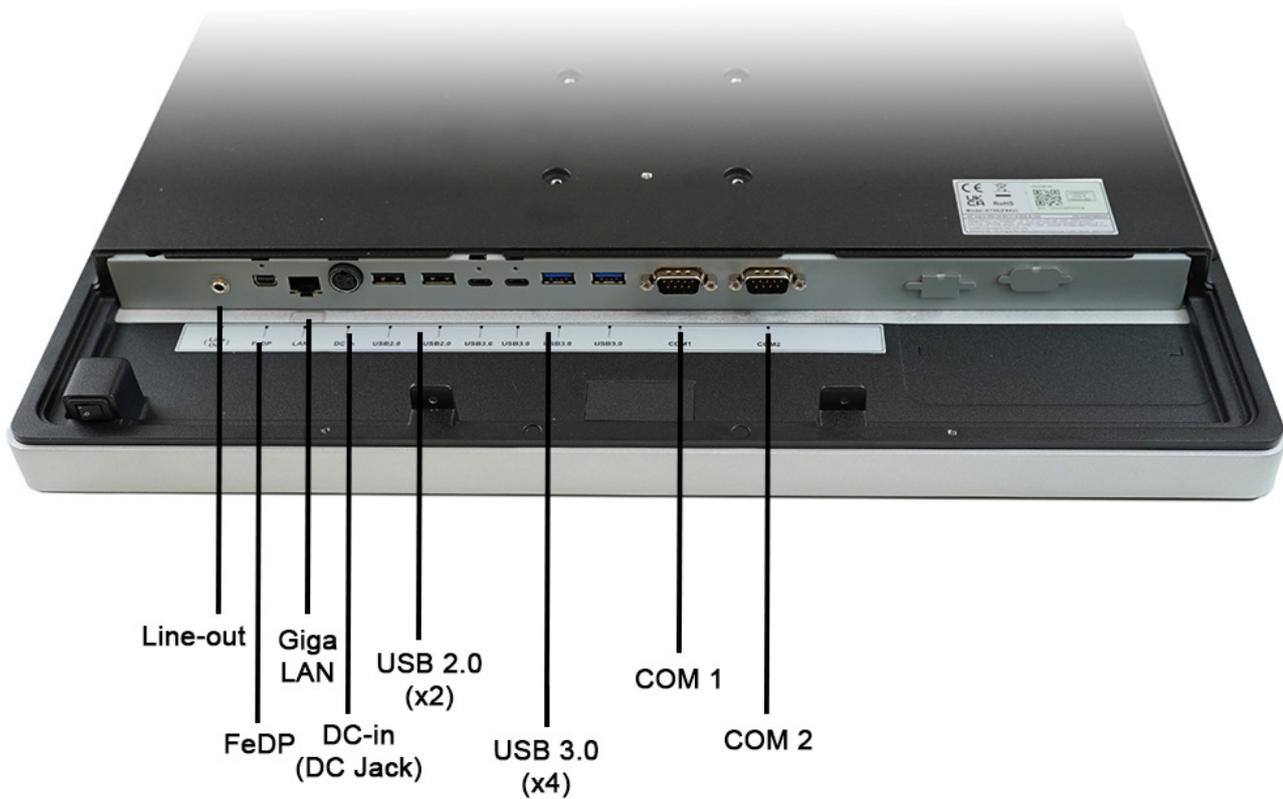
### Certification

Certifications CE, FCC Class A, IEC 60950-1

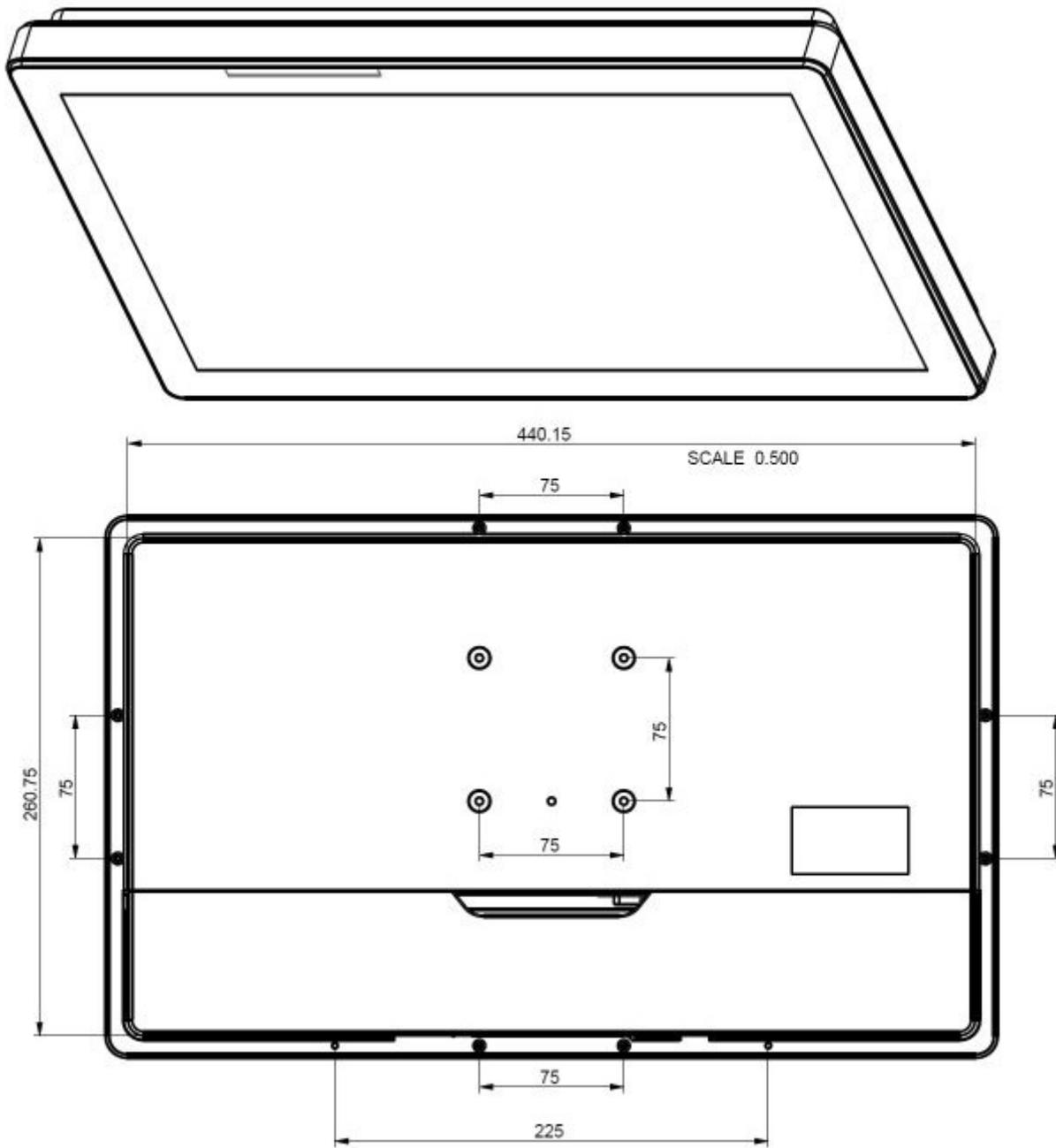
### Warranty

Warranty Up to 5 Years

## I/O Diagram Images



## Tech Diagram Images



*All specifications are subject to change without notice.*