



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 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

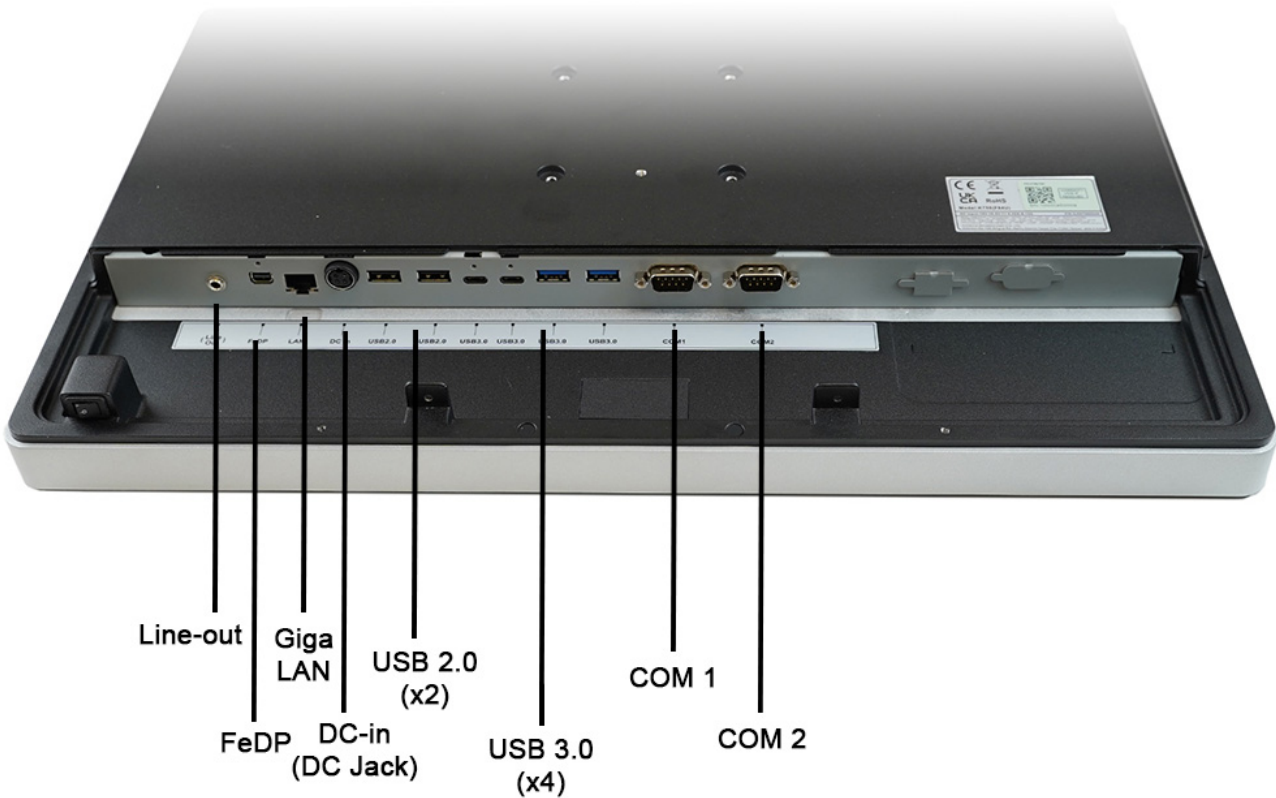
CE, FCC Class A, IEC 60950-1

Warranty

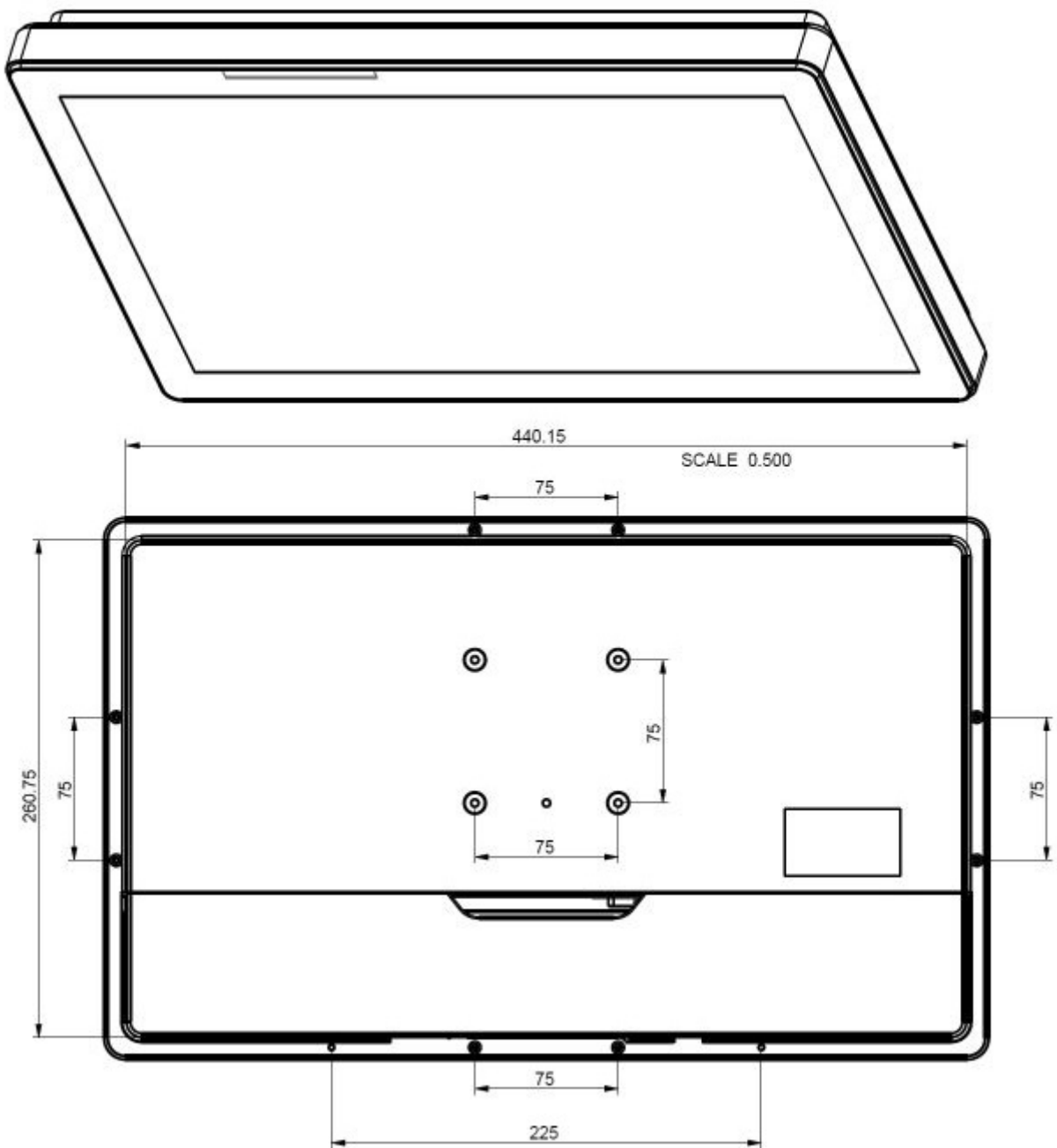
Warranty

Up to 5 Years

I/O Diagram Images



Tech Diagram Images



All specifications are subject to change without notice.