



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

General

Main Category Industrial Computer

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

Touch Screen

Touch Screen Projected Capacitive

Expansion Slots

Internal Mini PCIe 1x Mini-PCIe (half size)
video card support Intel HD Graphics

Multimedia

Speakers 2x 2W Speakers
Camera 2MP Webcam

Thermal and Environmental

Operating Temperature Array (32°F – 95°F)
Storage Temperature Array (-4°F – 140°F)
Humidity Range 20% – 85% Non-condensing
Cooling Solution Passive – Fanless

Enclosure

Material Aluminum
Ip Rating IP65 Front Bezel
Color Black, White
Mounting Options VESA 75 Mount, Wall Mount

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

Battery

Operating Systems

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

Security Hardware	fTPM 2.0, Intel vPro Technology: Intel AMT Supported
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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
Smartcard Reader	Optional Smart IC Card Reader

Dimensions / Weight

Weight	6.8 KG (15.0 lbs)
Dimensions	464 x 48 x 284 mm (18.3 x 1.9 x 11.2 in)

Certification

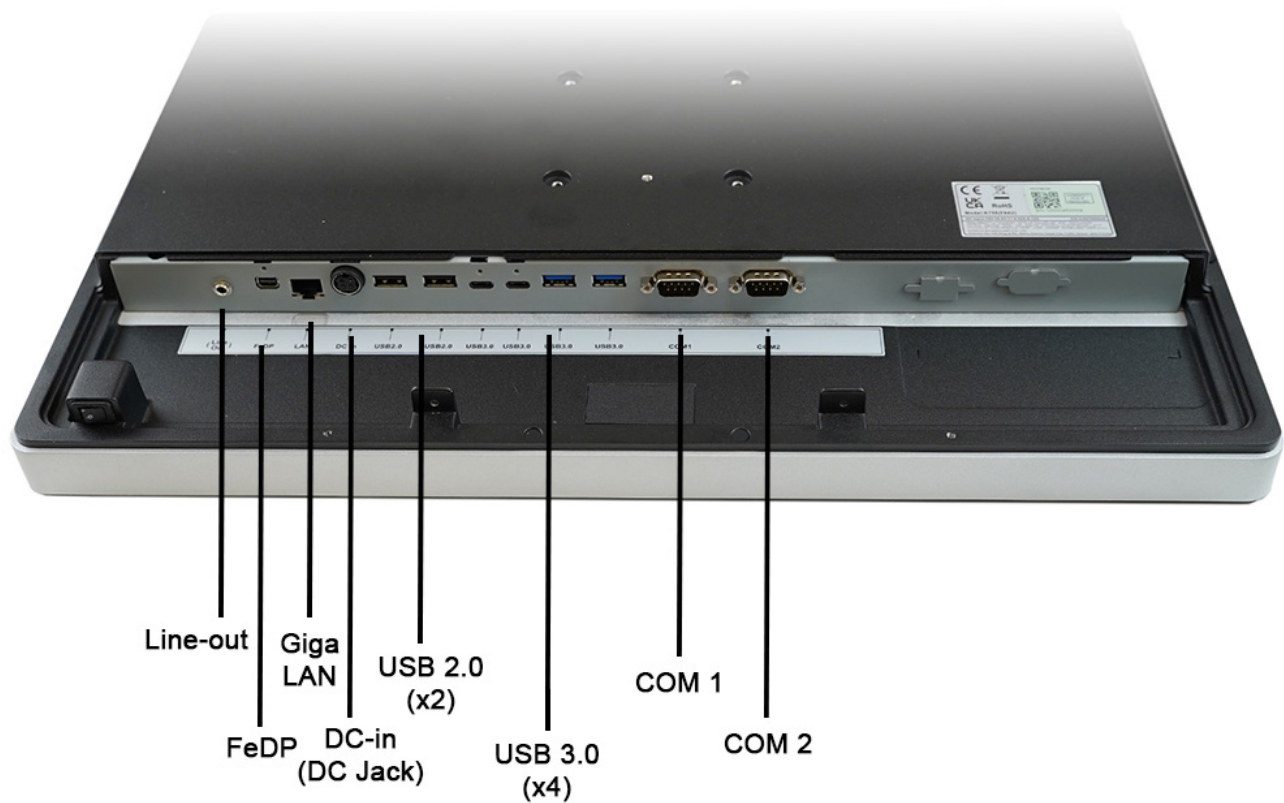
Certifications	CE, FCC Class A, IEC 60950-1
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Warranty

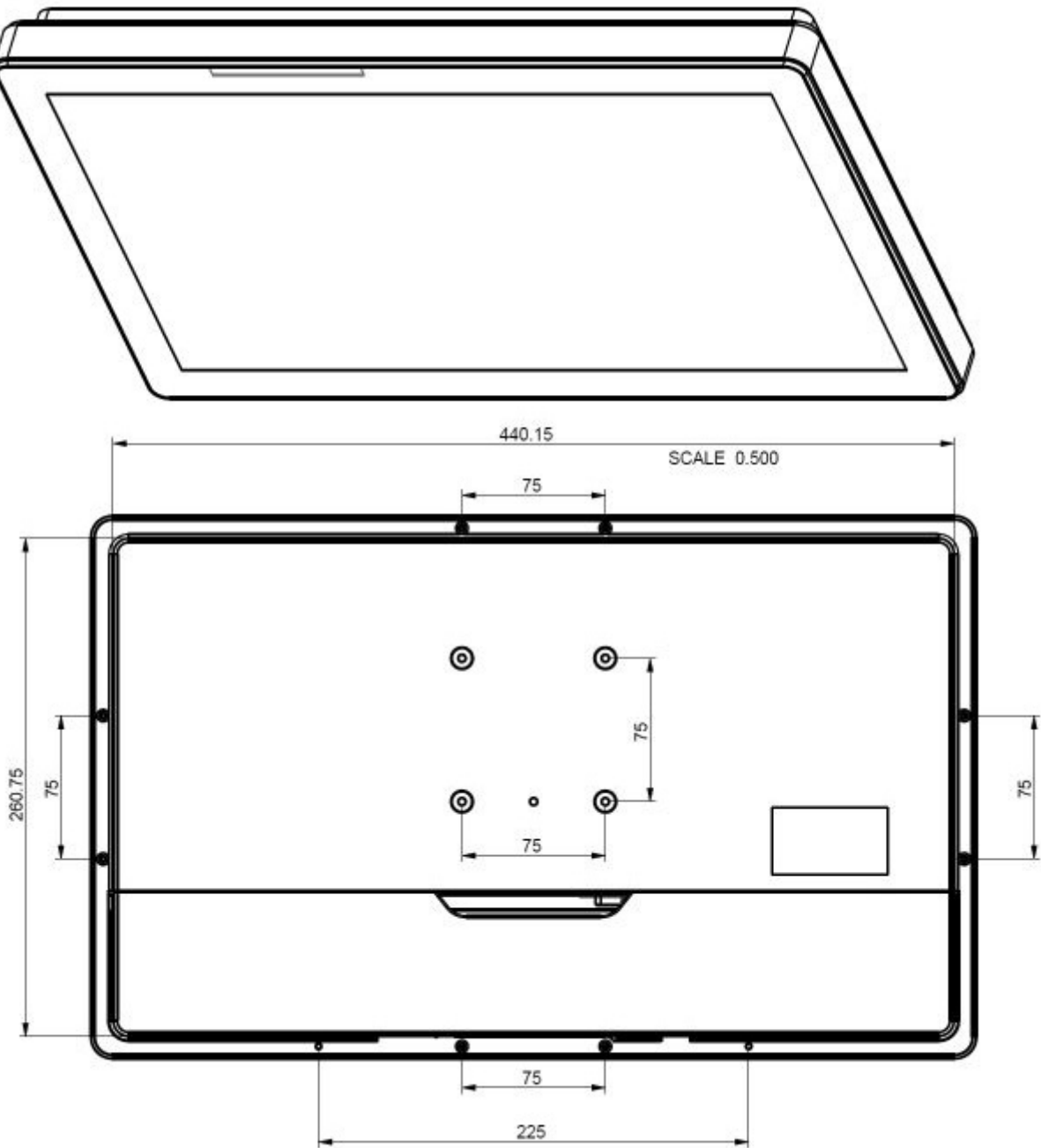
Warranty	Up to 5 Years
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Filters

Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.