TEGUAR

TP-5940-18

18.5" Fanless All-in-One PC



Key Highlights

- 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

VIEW ONLINE

The TP-5940-18 widescreen All-in-One computer is a powerful industrial PC. With the Tiger Lake Core i5 CPU and up to 16GB of RAM, this computer is capable of handling demanding applications on your production line, shop floor or warehouse. This PC utilizes fanless cooling, allowing it to operate efficiently and silently, while standing up to dusty or dirty environments. The TP-5940-18 has a large 18.5" projected capacitive touchscreen and IP65 rated waterproof front housing that can be sprayed and wiped down for easy cleaning. Options including an integrated barcode scanner and RFID reader allow this computer to integrate seamlessly into your workflow.

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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

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

Expansion Slots

Video Card Support	Intel HD Graphics

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

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

Certification

Certifications	CE, FCC Class A, IEC 60950-1

Specifications subject to change.

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

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)

Compatibility

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

Multimedia

Speakers	2x 2W Speakers
Camera	2MP Webcam

Enclosure

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

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)

Warranty

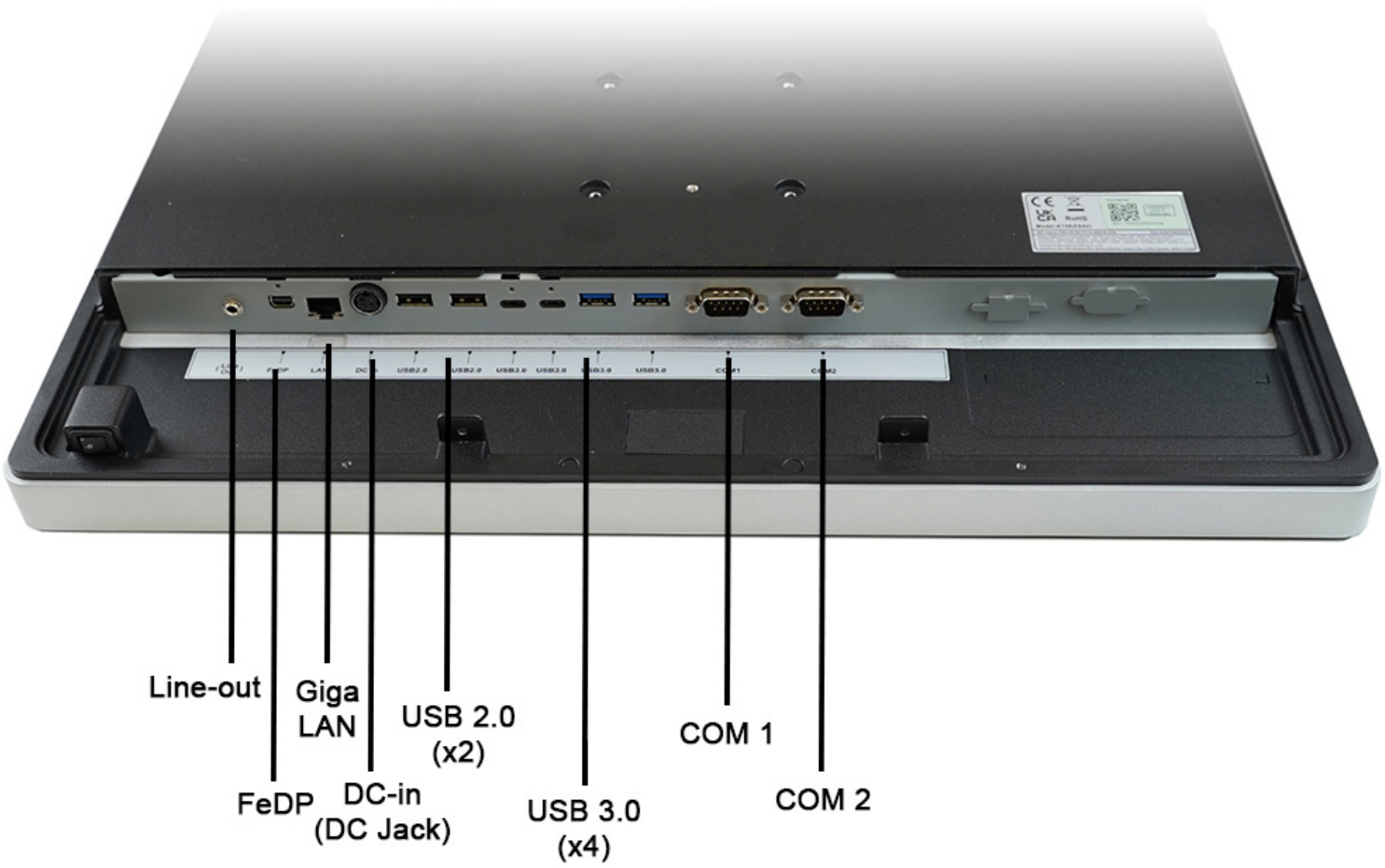
Warranty	Up to 5 Years

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I/O Diagram Images

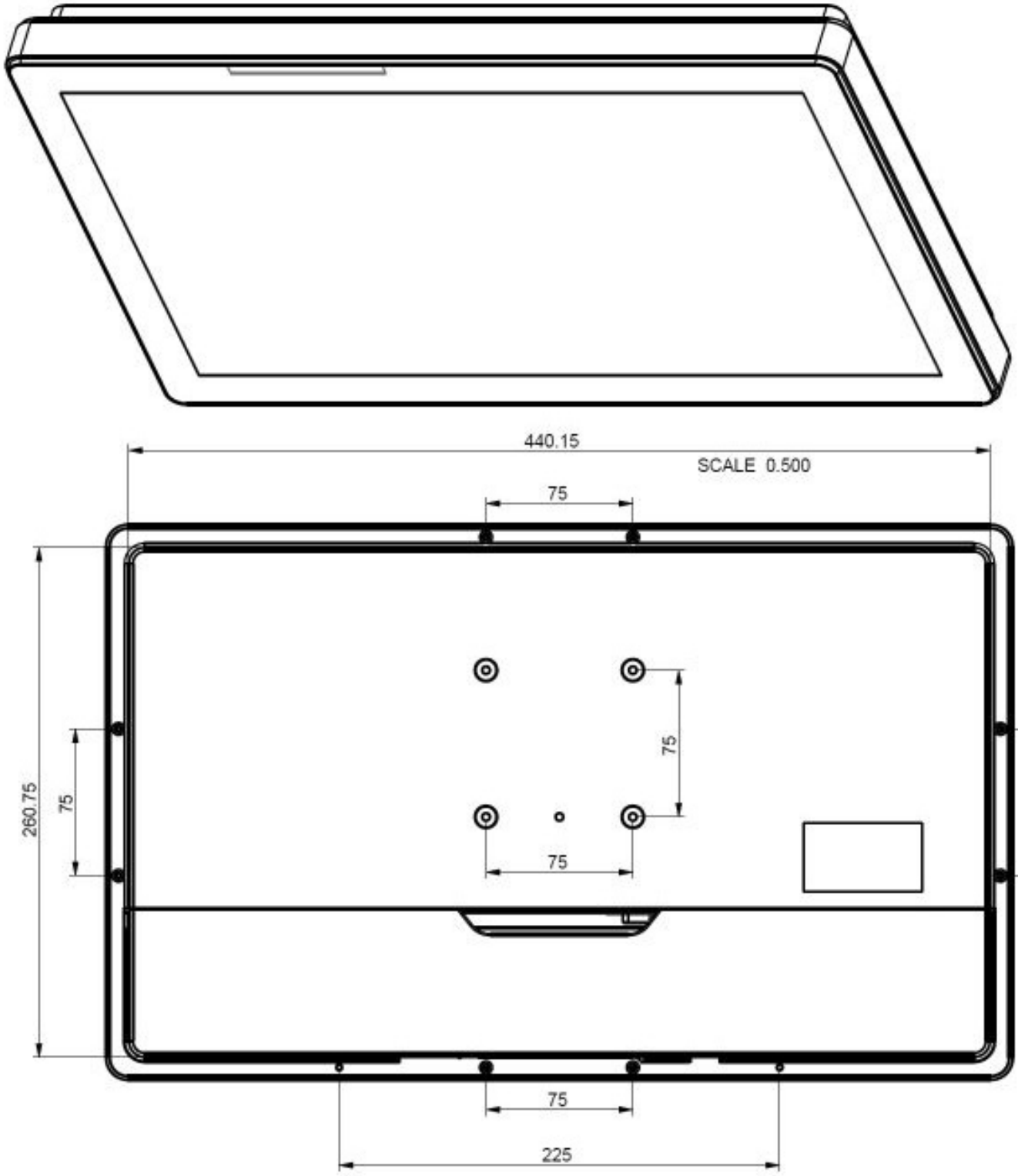


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Tech Diagram Images



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