

# 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

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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           |

| Warranty |               |
|----------|---------------|
| Warranty | Up to 5 Years |

Specifications subject to change.

| Display      |          |
|--------------|----------|
| Screen Size  | 18.5"    |
| 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) |

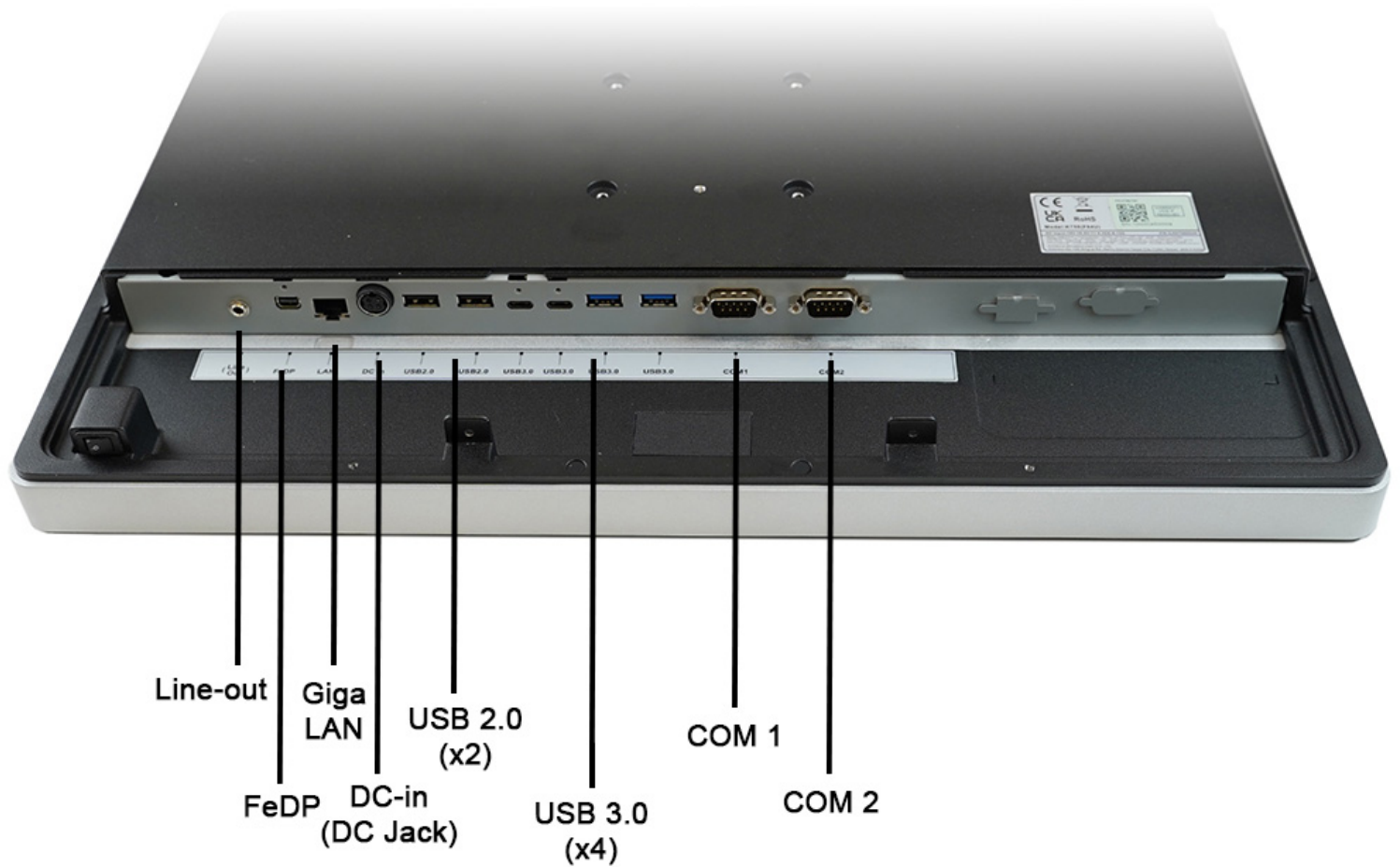
| Certification  |                              |
|----------------|------------------------------|
| Certifications | CE, FCC Class A, IEC 60950-1 |

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## I/O Diagram Images



### USA

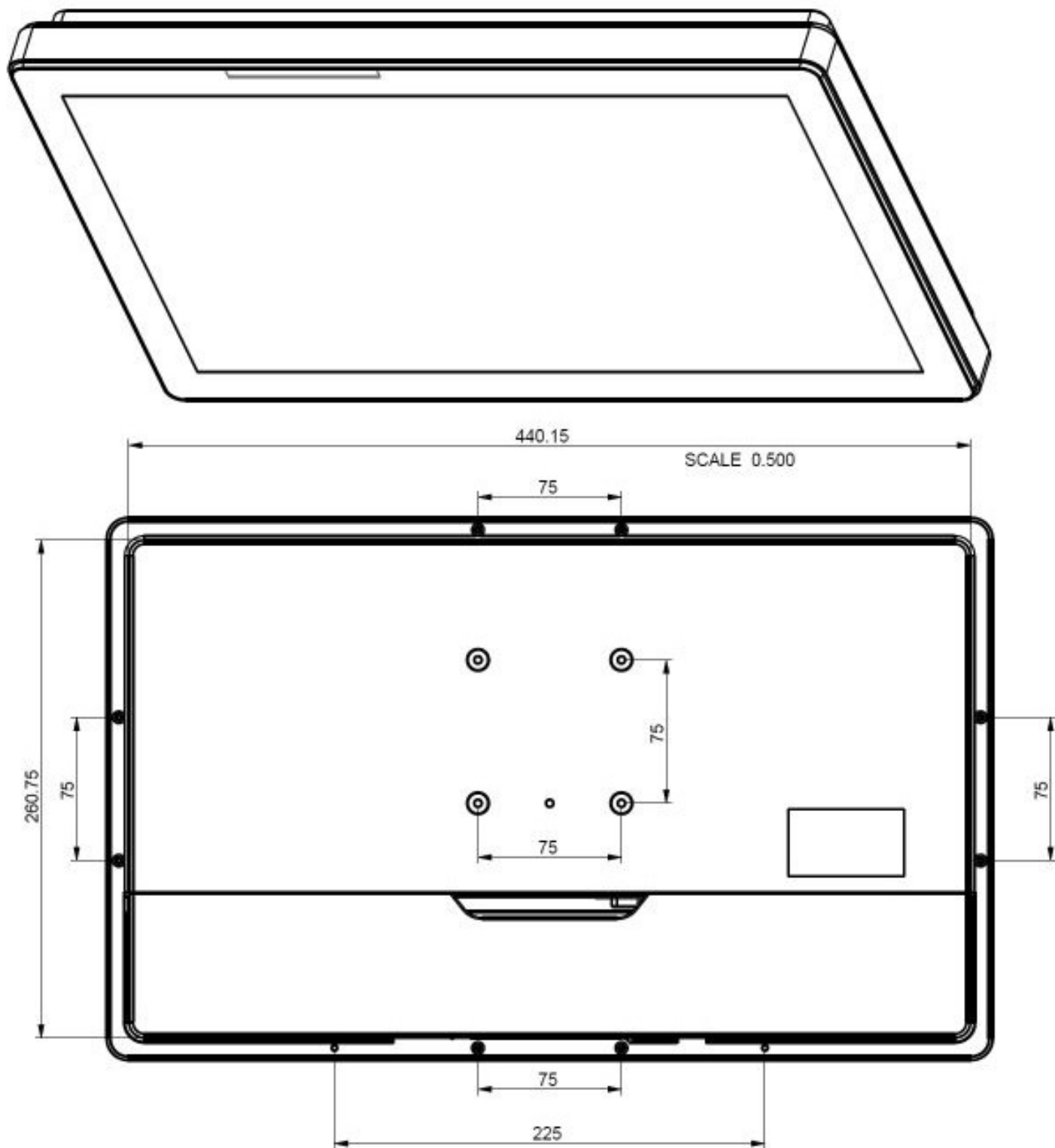
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