TEGUAR

# TA-5940-18

## 18" Commercial Touch Computer




## Key Highlights

- 18.5" PCap Touchscreen
- Intel 11th Gen Tigerlake CPU
- Modular Design with Removable Box PC
- Customizable and Expandable
- Slim, Future proof design

VIEW ONLINE

The TA-5940-18 is a modular and durable touch screen kiosk computer, with an 18.5" full HD touchscreen and a swappable box PC that fits onto the back of the unit. This computer is ideal for kiosk and POS systems, or it can be used for light-industrial applications. It can run Windows or Linux on its Intel 11th Gen Tigerlake CPU and optional peripherals can be added to all four sides of this computer, including a 3-Track Magnetic Stripe Reader, Fingerprint Reader, HF RFID Reader, Variety of EMV payment terminals, 2D Barcode Scanner, and Webcam. The TA-5940-18 can be mounted on a POS stand, printer stand, floor stand, and virtually any type of stand or arm via its VESA mounting hole pattern.

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# Technical Specifications

## Primary Components

| | |
|---|---|
| **Processor Family** | Intel Core I series 11th Generation Tiger Lake |
| **Processor Model** | Core i3-1115G4E |
| **Memory Type** | 1x DDR4 SO-DIMM |
| **Memory Support** | 4GB, 8GB, 16GB |
| **Storage Type** | 1x M.2 slot for SSD |
| **Storage Support** | M.2: 128GB-1TB |

## External I/O Ports

| | |
|---|---|
| **USB** | 1x USB 2.0 type C (data only), 1x USB 3.0 Type-C (Power/Video/Data), 2x USB 2.0, 2x USB 3.0 |
| **Serial / Com** | 2x COM |
| **Serial Protocol Detail** | x2 RS-232 DB-9 |
| **Ethernet / LAN** | 1x RJ45 GbE LAN |
| **Other Ports** | 1x RJ11; Custom connector for External Monitor |
| **Power Input Port** | 4-Pole DIN (latching) |

## Expansion Slots

| | |
|---|---|
| **Internal M.2** | 1x M.2 2230 Key E (for WiFi expansion option) |
| **Expansion Module support** | 4 USB based expansion areas on Bezel |

## 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 a/b/g/n/ac |
| **Bluetooth** | Optional Bluetooth 5.1 |
| **Barcode Scanner** | Optional 1D/2D Barcode Scanner |
| **RFID** | Optional RFID |
| **Peripheral Other** | 3-Track MSR; Fingerprint Reader; Contact Teguar is you have a customized external Module request |

## Certification

| | |
|---|---|
| **Certifications** | CE, FCC Class A, LVD |

***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 (Multi-touch) |

## Power

| | |
|---|---|
| **Input Voltage Range** | 19V DC |
| **Standard Power Adapter** | 120W AC/DC Adapter |

## Operating Systems

| | |
|---|---|
| **Windows** | Windows 10 IoT, Windows 10 Pro, Windows 11 IoT, Windows 11 Pro |
| **Linux** | Linux (Contact your sales rep for more information) |

## Compatibility

| | |
|---|---|
| **Security Hardware** | TPM 2.0 |

## Multimedia

| | |
|---|---|
| **Speakers** | 1x 3W Speaker |
| **Camera** | Optional Webcam |

## Enclosure

| | |
|---|---|
| **Material** | Plastic |
| **IP Rating** | IP54 Front Bezel |
| **Color** | Black |
| **Led Indicator Light** | Power |
| **Control Buttons** | Power Button |
| **Mounting Options** | VESA 100 Mount, VESA 75 Mount |

## Weight / Dimensions

| | |
|---|---|
| **Weight** | 4.4 kg (9.7 lbs) |
| **Dimensions** | 451 x 273 x 51 mm (17.8 x 10.7 x 2.0 in) |

## Warranty

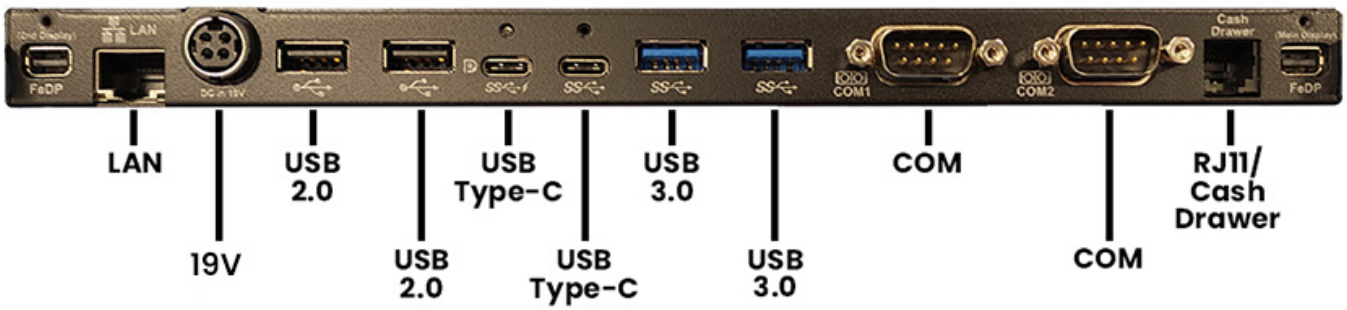
| | |
|---|---|
| **Warranty** | Up to 5 Years |


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## I/O Diagram Images



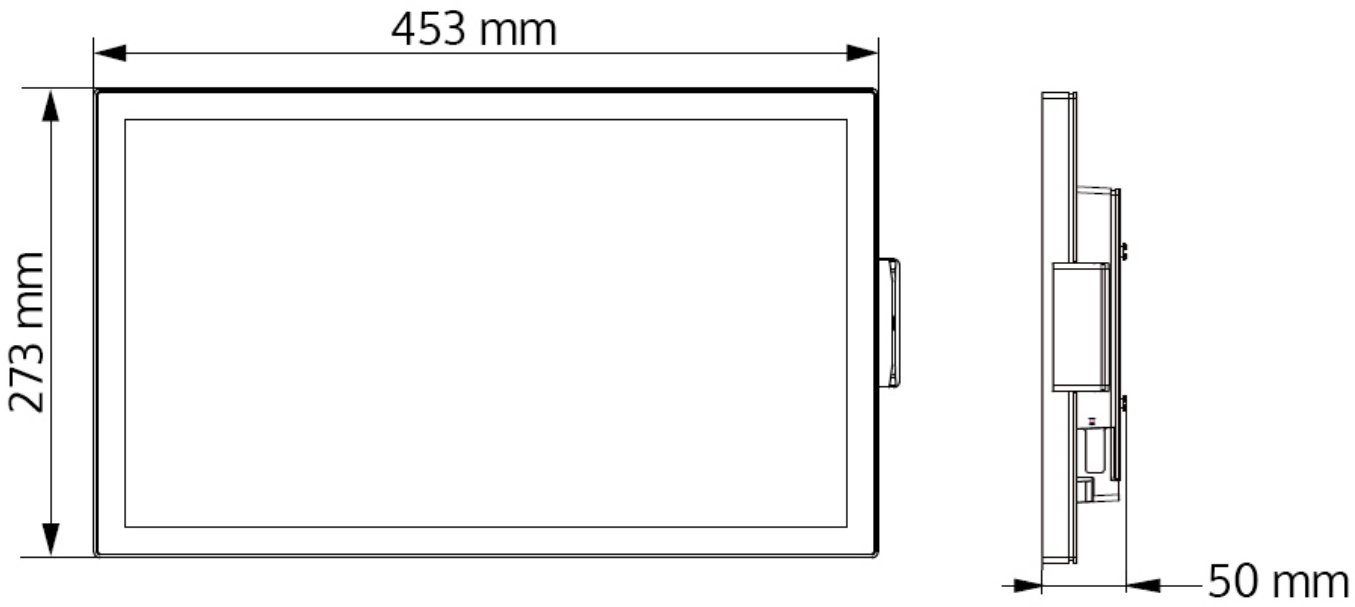


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## Tech Diagram Images




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