TEGUAR

# TP-4010-15

## 15" Industrial Touchscreen PC




## Key Highlights

- 15" XGA Display with 1024 x768 Resolution
- Bay Trail Celeron J1900 Quad-Core CPU
- Highly Reliable Thermal Design for 24/7 Use
- Resistive Touchscreen with IP66 Front Bezel
- 2 Mini PCIe Sockets for add-on Expansion

VIEW ONLINE

The TP-4010-15 Fanless Industrial Panel PC utilizes a 15" resistive touchscreen with an IP66 rated dust and waterproof front bezel. Featuring a versatile Bay Trail Celeron J1900 quad-core CPU with system on chip (SoC) architecture, this unit is a highly reliable addition to any application! This unit can be panel or VESA mounted allowing for rapid installation in your operations.

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# Technical Specifications

## Primary Components

| | |
|---|---|
| **Processor Family** | Intel Celeron Bay Trail |
| **Processor Model** | J1900 Quad Core |
| **Processor Speed** | 2.0 GHz |
| **Memory Type** | 2x DDR3L SO-DIMM |
| **Memory Support** | 2GB, 4GB, 8GB |
| **Storage Type** | 1x 2.5" SATA Drive Bay for SSD/HDD |
| **Storage Support** | 32GB-1TB |

## Power

| | |
|---|---|
| **Input Voltage Range** | 7-32V DC |
| **Max Power Consumption** | 29.9W |
| **Standard Power Adapter** | AC 90~264V / 47~63Hz / DC Output 12V, 57W |

## Operating Systems

| | |
|---|---|
| **Windows** | Windows 10 IoT, Windows 10 Pro, Windows 7 Pro |

## Thermal & Environmental

| | |
|---|---|
| **Operating Temperature** | 0°C - 50°C (32°F – 122°F) |
| **Storage Temperature** | -20°C - 65°C (-4°F – 149°F) |
| **Cooling Solution** | Passive – Fanless with Heatsink |
| **Humidity Range** | 10% – 90% Non-condensing |

## Peripherals & Wireless Connectivity

| | |
|---|---|
| **WiFi** | Optional WLAN |

## Warranty

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

***Specifications subject to change.***

## Display

| | |
|---|---|
| **Screen Size** | 15" |
| **Screen Ratio** | 4:3 |
| **Brightness** | 400 nits |

## Touch Screen

| | |
|---|---|
| **Touch Screen** | Projected Capacitive, Resistive |

## External I/O Ports

| | |
|---|---|
| **USB** | 1x USB 3.0, 3x USB 2.0 |
| **Serial / Com** | 3x COM |
| **Serial Protocol Detail** | 2x RS-232, 1x RS-232/422/485 (RS485 supports auto flow control) |
| **Ethernet / LAN** | 2x RJ45 GbE LAN |
| **Audio Ports** | 1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack |
| **Power Input Port** | 4-Pole DIN (latching) |

## Compatibility

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

## Enclosure

| | |
|---|---|
| **Material** | Aluminum, Optional Stainless Steel Bezel, Steel |
| **IP Rating** | IP66 Front Bezel |
| **Mounting Options** | Panel Mount, VESA Mount |

## Weight / Dimensions

| | |
|---|---|
| **Weight** | 5.5 kg (12.1 lbs) |
| **Dimensions** | 398 x 330 x 58 mm (15.7 x 13.0 x 2.3 in) |


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## I/O Diagram Images

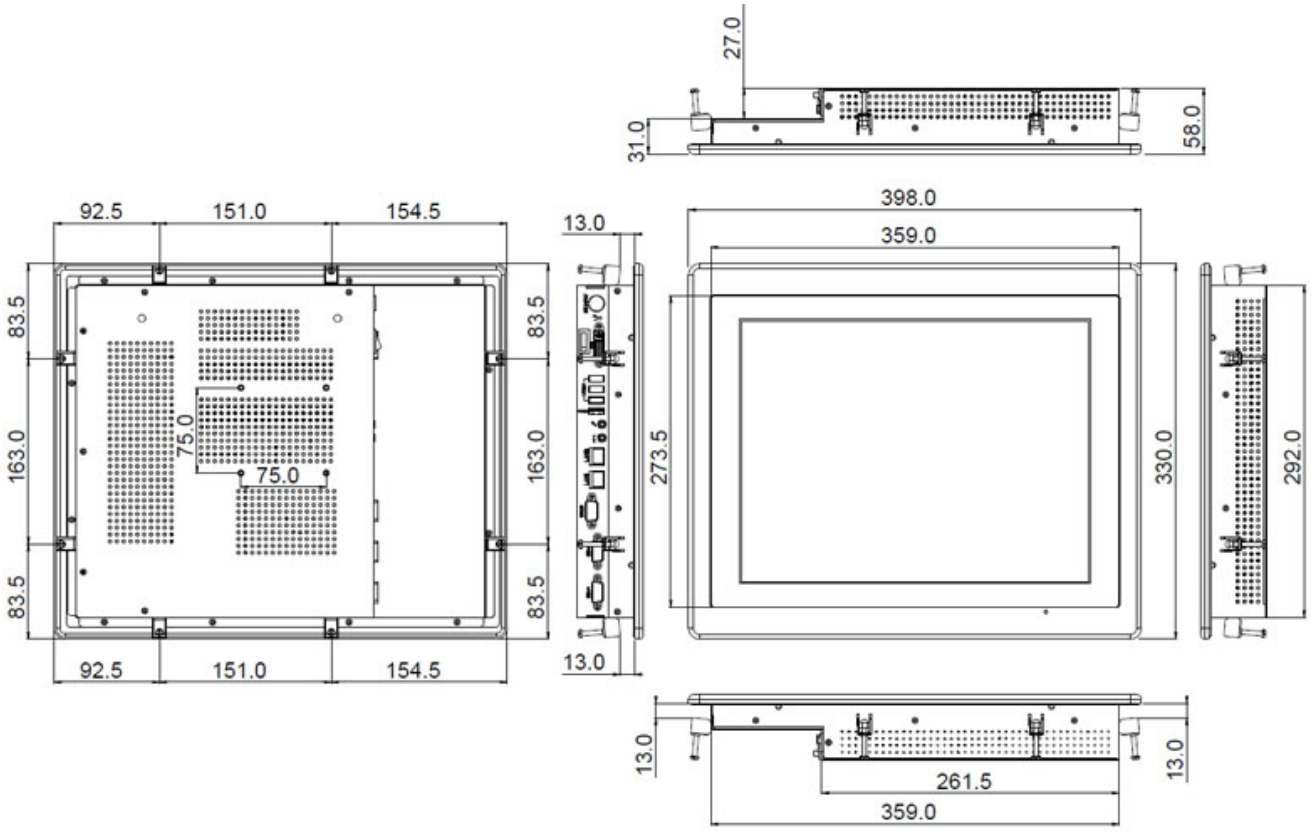



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## Tech Diagram Images




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