TEGUAR

# TP-4010-15AIO

## 15" All in One Industrial 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-4010-15AIO fanless all-in-one industrial panel PC features a 15" resistive touchscreen with IP66 rated front bezel. Designed for cost-effective operation, this unit uses a Bay Trail quad-core J1900 CPU and a system on chip (SoC) architecture. The TP-4010-15AIO model takes advantage of a passive heatsink thermal solution, eliminating the need for fans to cool the unit. This unit's versatility is further evidenced by its ability to be panel or VESA mounted for quick integration to 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 DDR3 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 8.1 Pro |

## Expansion Slots

| | |
|---|---|
| **Video Card Support** | Intel HD Graphics |

## Enclosure

| | |
|---|---|
| **Material** | Aluminum, Optional Stainless Steel Bezel, Steel |
| **IP Rating** | IP66 Front Bezel |
| **Color** | Black |
| **Led Indicator Light** | HDD Access, Power |
| **Control Buttons** | Power Reset |
| **Mounting Options** | Panel Mount, VESA Mount |

## Certification

| | |
|---|---|
| **Certifications** | CE, FCC, VCCI |

## Warranty

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

***Specifications subject to change.***

## Display

| | |
|---|---|
| **Screen Size** | 15" |
| **Screen Resolution** | 1024 x 768 (XGA) |
| **Screen Ratio** | 4:3 |
| **Brightness** | 400 nits |

## Touch Screen

| | |
|---|---|
| **Touch Screen** | 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 |
| **Video Outputs** | 1x DVI-I |
| **Audio Ports** | 1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack |
| **Power Input Port** | 4-Pole DIN (latching) |

## 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 802.11 b/g/n WLAN card + Bluetooth 4.0 |

## Weight / Dimensions

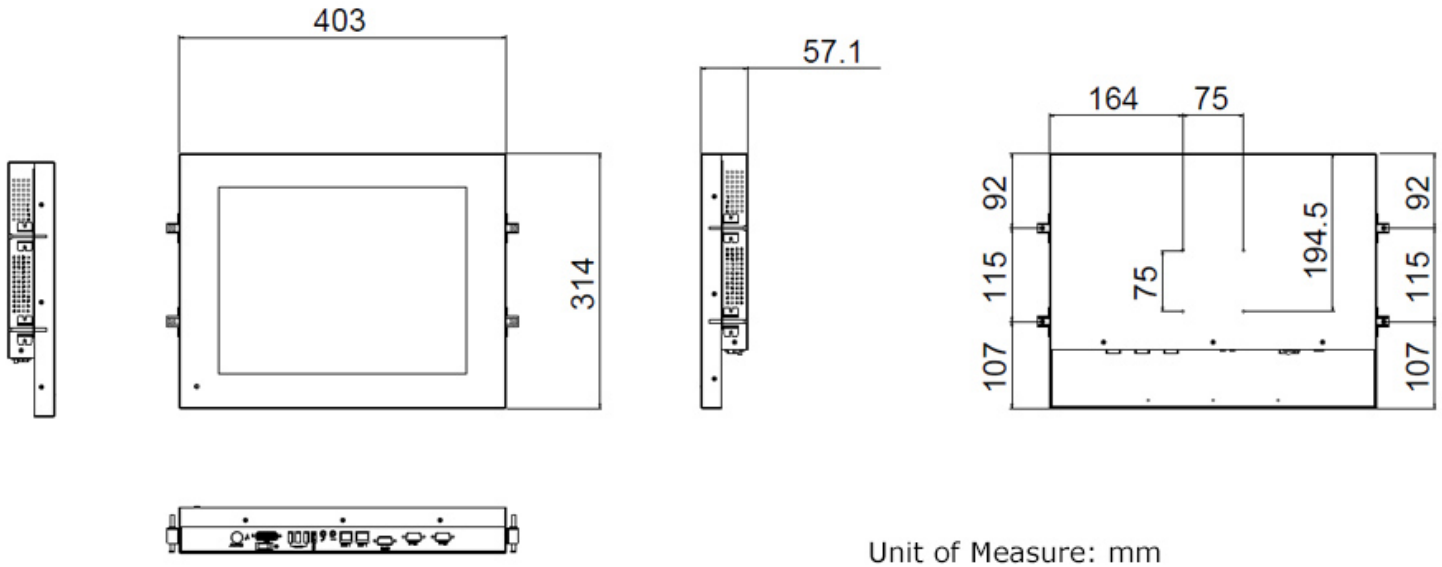
| | |
|---|---|
| **Weight** | 5.5 kg (12.1 lbs) |
| **Dimensions** | 398 x 330 x 58 mm (15.7 x 13.0 x 2.3 in) |


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## Tech Diagram Images




Unit of Measure: mm

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