

TP-4010-15AIO

15" All in One Industrial PC



Key Highlights

- 15" XGA Display with 1024 x 768 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

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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.

USA

Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

EUROPE

Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

ASIA

Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw

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
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Expansion Slots

Video Card Support	Intel HD Graphics
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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
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Display

Screen Size	15"
Screen Ratio	4:3
Brightness	400 nits

Touch Screen

Touch Screen	Resistive
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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
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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)

Warranty

Warranty	Up to 5 Years
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Specifications subject to change.

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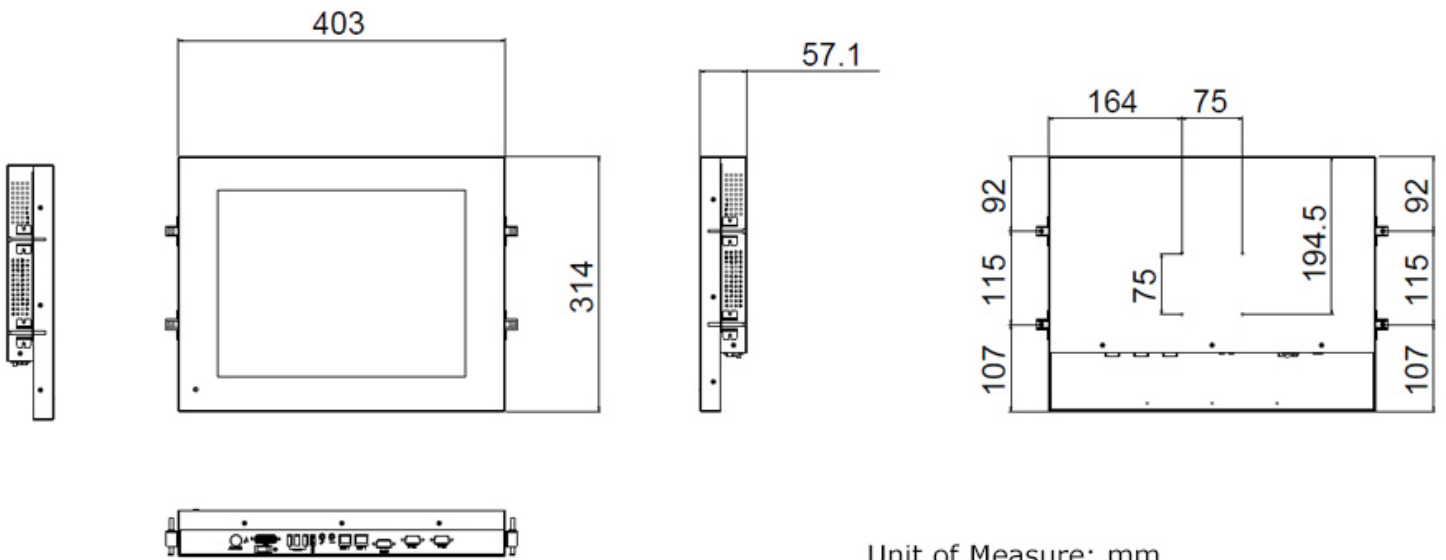
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Tech Diagram Images



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