TEGUAR

TP-2920-10

10" Industrial Fanless PC



Key Highlights

- 10.1" Projective Capacitive Multi-touch Screen
- Intel Bay Trail Celeron N2930 1.83GHz CPU
- Fanless System with Ultra-low Power Use
- Supports Power over Ethernet(PoE) Power Input
- Digital I/O(Phoenix Type) for Environment Control
- Front IP65 Dust and Waterproof
- Optional Housing w/ LED Light Bars on Two Sides

VIEW ONLINE

This 10.1" sleek widescreen panel PC is equipped with a Bay Trail Intel Celeron N2930 CPU and supports power over ethernet (PoE) for high computing functionality. The TP-2920-10 flat touchscreen panel pc is designed for installation on visible surfaces with its projective capacitive multi-touch screen for a more intuitive user experience. Repeated contact, ambient moisture and dust present no problems for this front panel IP65 rated unit. This interactive widescreen panel is perfect for building automation, conference room booking and room information display applications. The aluminum housing and fanless design make the TP-2920-10 ideal for maintaining a quiet and cool indoor environment.

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	N2930
Processor Speed	1.83 GHz
Memory Type	1x DDR3L SO-DIMM
Memory Support	2GB, 4GB, 8GB
Storage Type	mSATA
Storage Support	32GB-512GB

Power

Input Voltage Range	12V DC

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 7 Pro

Expansion Slots

Internal M.2	1x M.2 Type B

Multimedia

Speakers	1x 1W Speaker

Enclosure

Material	Aluminum
IP Rating	IP65 Front Bezel
Mounting Options	Panel Mount, VESA Mount

Certification

Certifications	CE, FCC

Specifications subject to change.

Display

Screen Size	10.1"
Resolution	1280 x 800 (WXGA)
Screen Ratio	16:9
Brightness	300 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)

External I/O Ports

USB	1x USB 2.0, 1x USB 3.0
Serial / Com	1x COM
Serial Protocol Detail	1x RS-232/422/485
Ethernet / LAN	1x RJ45 GbE LAN
Audio Ports	1x 3.5mm Audio Line-Out
Power Input Port	3-Pin DC-In (Phoenix Type)

Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F – 122°F)
Cooling Solution	Passive – Fanless
Humidity Range	30% – 90% Non-condensing

Weight / Dimensions

Weight	3.2 kg (7.1 lbs)
Dimensions	263.28 x 171 x 35.7 mm (10.4 x 6.7 x 1.4 in)

Warranty

Warranty	Up to 5 Years

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I/O Diagram Images

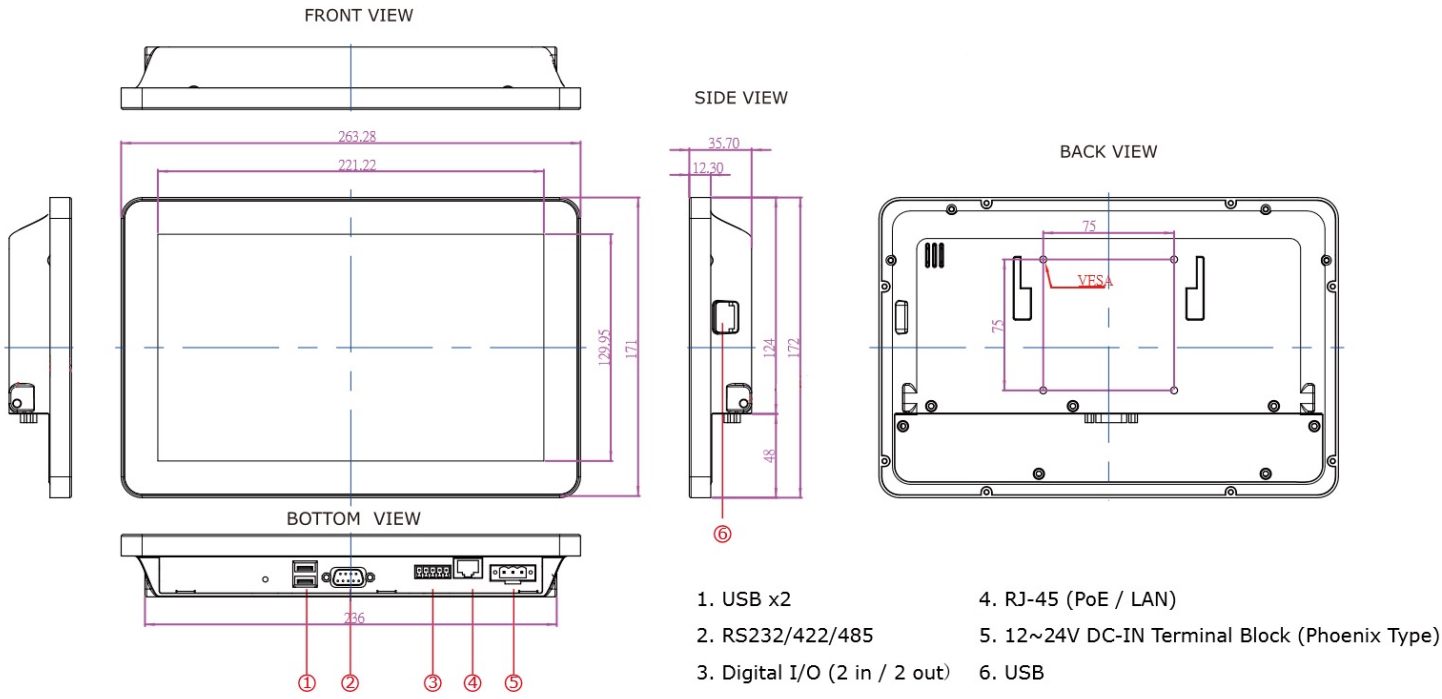


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Tech Diagram Images



1. USB x2
2. RS232/422/485
3. Digital I/O (2 in / 2 out)
4. RJ-45 (PoE / LAN)
5. 12~24V DC-IN Terminal Block (Phoenix Type)
6. USB

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