TEGUAR

TSP-2945-07

7" Industrial Panel PC



Key Highlights

- 7" Flat Front Panel Touchscreen
- Intel Celeron N2930 CPU
- Stainless Steel IP66/IP69K Front Bezel
- Fanless Design
- Wide Range DC 9~36V Power Input

VIEW ONLINE

The TSP-2945-07 has a stainless steel front panel and aluminum back cover. The grade 304 stainless steel front will never rust, and an optional upgrade to 316 stainless steel will also protect the unit from salt water. This panel PC is ideal for food and beverage manufacturing or industrial applications exposed to liquids, sprays or humidity. This computer can be panel mounted, to create a waterproof solution, or VESA mounted. The TSP-2945-07 has an Intel Celeron processor and supports Windows 7, Windows 8.1, and Windows 10 IoT. With a 7" LCD touchscreen, this PC is the smallest in the TSP-2945 series, which is available in screen sizes up to 22".

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	Onboard DDR3
Memory Support	4GB
Storage Type	1.8" Half Size MO297 SATA Drive Bay
Storage Support	32GB-256GB

Power

Input Voltage Range	9-36V DC
Max Power Consumption	12W
Standard Power Adapter	Optional 12V AC/DC Adapter

Operating Systems

Windows	Windows 10 IoT, Windows 8.1 Pro

Enclosure

Material	Aluminum, Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66 Front Bezel, IP69K Front Bezel
Mounting Options	Panel Mount, VESA 75 Mount
Approved Cleaning Solutions	Alcohol, Chlorine and Compounds, Glutaraldehyde, Hydrogen Peroxide, Ortho-phthalaldehyde (OPA), Quaternary Ammonium Compounds

Certification

Certifications	CE, FCC Class A

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

Display

Screen Size	7"
Screen Resolution	800 x 480 (WVGA)
Screen Ratio	5:3
Brightness	350 nits, Optional 1000 nit High Brightness

Touch Screen

Touch Screen	Projected Capacitive

External I/O Ports

Serial / Com	2x COM
Serial Protocol Detail	1x RS-232/422/485 DB-9, default RS-232(COM1), 1x RS-232 DB-9(COM2)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x Optional HDMI
Power Input Port	3-Pin DC-In (Phoenix Type)

Thermal & Environmental

Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-30°C ~ 70°C (-22°F ~ 158°F)
Cooling Solution	Passive – Fanless
Storage Humidity	10% ~ 90% Non-condensing

Weight / Dimensions

Weight	1.2 kg (2.6 lbs)
Dimensions	217 x 163 x 44 mm (8.5 x 6.4 x 1.7 in)

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I/O Diagram Images

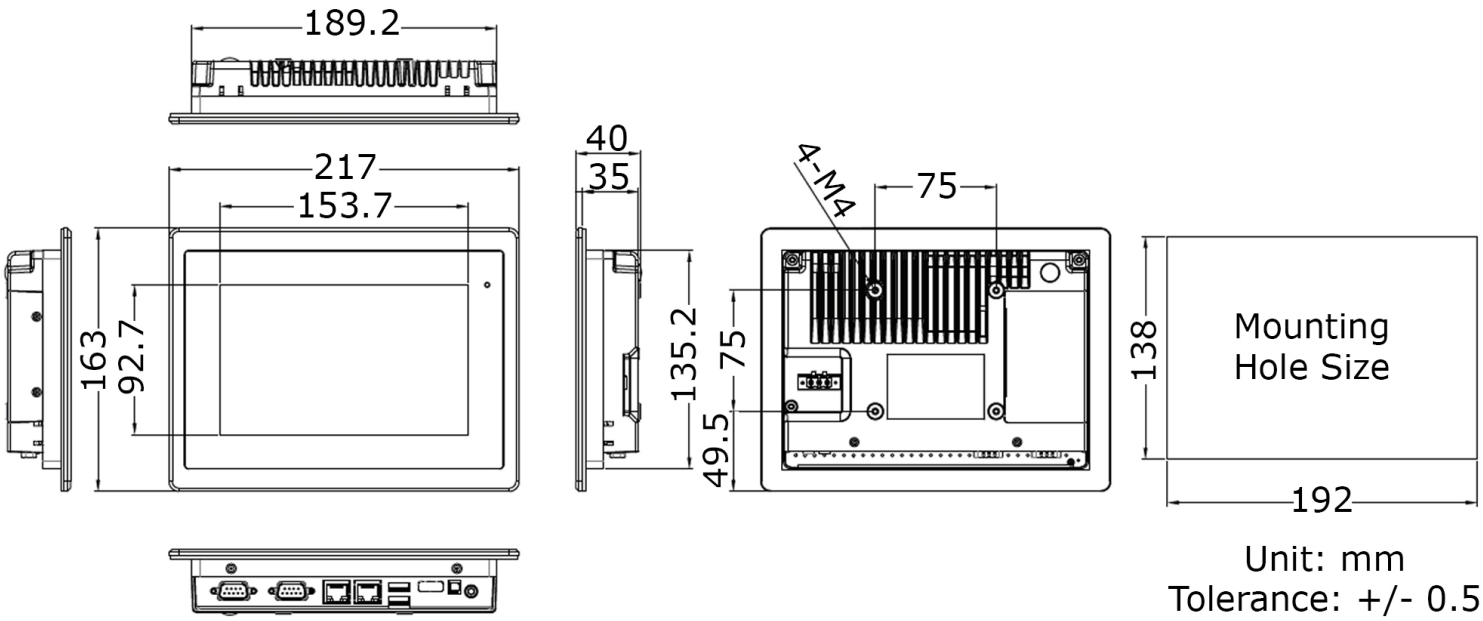


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Tech Diagram Images



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