TEGUAR

TS-2945-10

10" Waterproof All-in-One PC



Key Highlights

- 10.1" Flush LCD Touchscreen
- IP66 Fully Enclosed Fanless Design
- USB, LAN, and COM Ports
- Grade 304 Stainless Steel Enclosure
- Resistive or Capacitive Touchscreen
- M12 Metal I/O Connectors

VIEW ONLINE

The TS-2945-10 waterproof touchscreen computer is an ideal 10" HMI replacement for industrial environments where dust, water, or harsh chemicals are present. The fully sealed stainless steel housing makes it ideal for food and beverage processing environments. The fully fanless cooling system and IP66/NEMA 4x rated housing ensure that you can confidently place this PC into the most demanding workplaces. Built with industrial-grade components, this pc supports a wide temperature range to allow for placement in a variety of environments.

This product is now considered "Previous Generation" meaning it may or may not still be available for purchase. Call +1 800 870 7715 for details on this product or check out our full list of currently available Waterproof Computers.

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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	1x 2.5" SATA Drive Bay for SSD/HDD
Storage Support	32GB-1TB

Power

Input Voltage Range	9-36V DC

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 8.1 Pro

Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F – 122°F), -20°C - 60°C (Optional -4°F – 140°F)
Storage Temperature	-30°C - 70°C (-22°F – 158°F)
Cooling Solution	Passive – Fanless
Humidity Range	10% – 90% Non-condensing

Peripherals & Wireless Connectivity

RFID	Optional RFID Module

Weight / Dimensions

Weight	4 kg (8.8 lbs)
Dimensions	300 x 220 x 53 mm (11.8 x 8.7 x 2.1 in)

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

Display

Screen Size	10.1"
Screen Resolution	1280 x 800 (WXGA)
Screen Ratio	16:10
Brightness	350 nits, Optional 1000 nit High Brightness

Touch Screen

Touch Screen	Projected Capacitive, Resistive

External I/O Ports

USB	1x M12 8Pin for USB 1/2
Serial / Com	2x M12 8-pin for COM
Serial Protocol Detail	1x M12 8Pin for RS-232/422/485 COM Port with Waterprooof Cap
Ethernet / LAN	1x M12 8pin RJ45 Gbe LAN
Audio Ports	1x 3.5mm Headphone Jack
Power Input Port	M12 type 3-PIN DC-in

Enclosure

Material	Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66, NEMA 4X, Optional IP69K
Color	Stainless Steel
Control Buttons	Power Button, Power Switch
Mounting Options	VESA 75 Mount

Certification

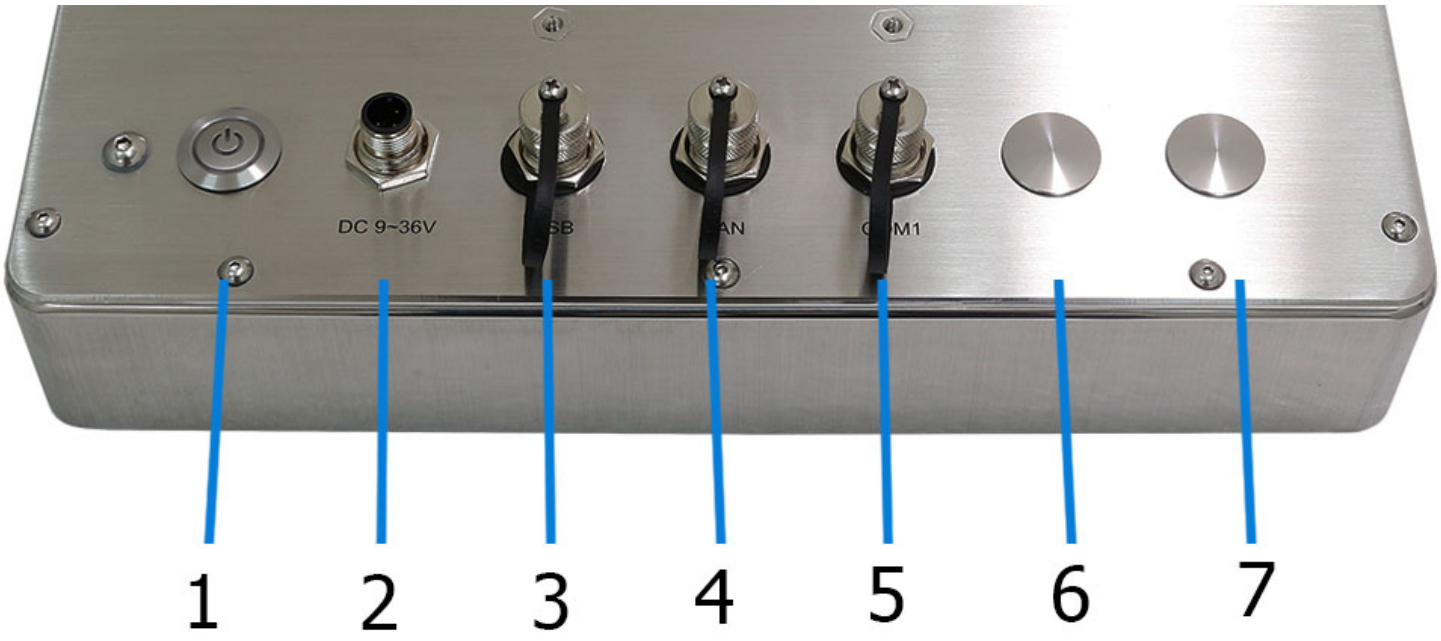
Certifications	CE, FCC Class A

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I/O Diagram Images



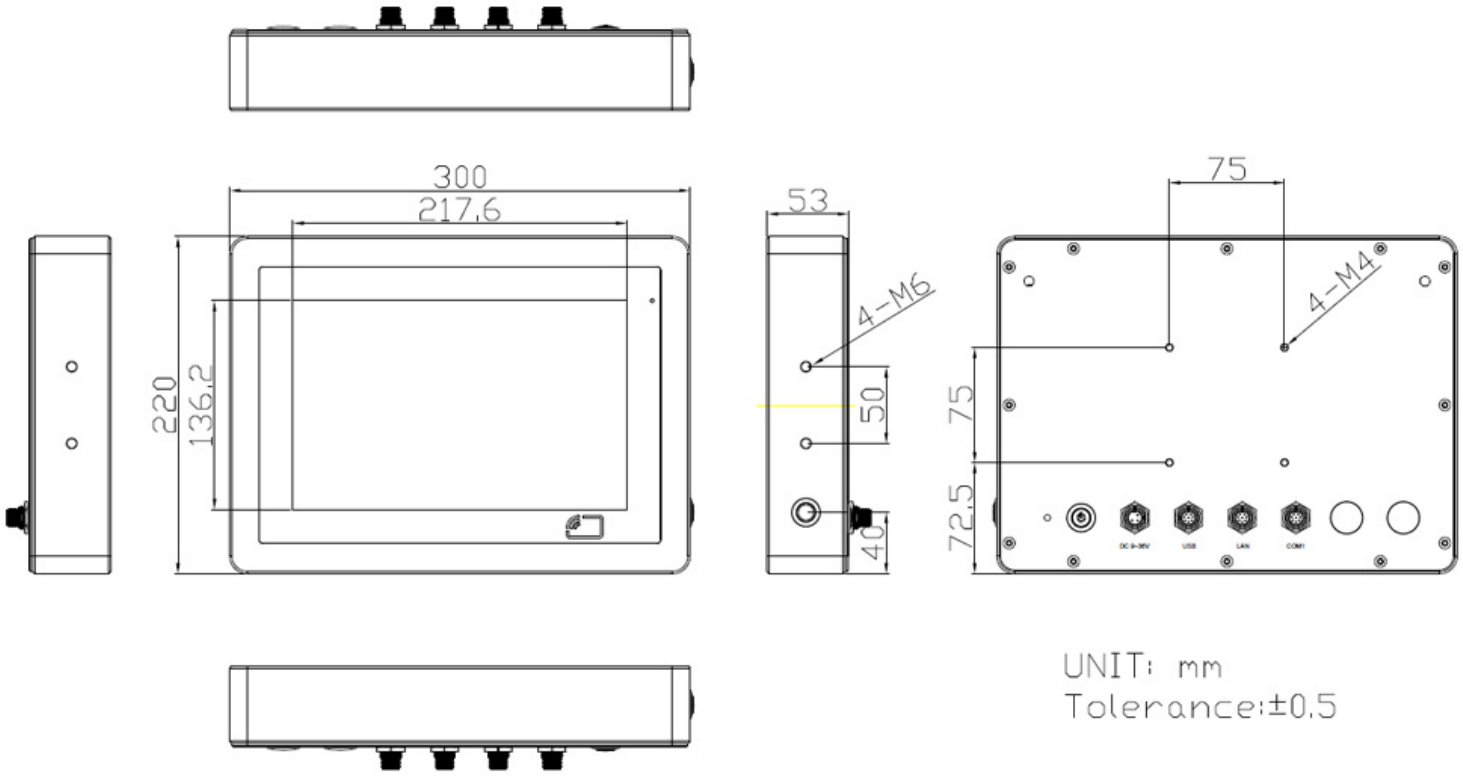
1. Power Button
2. DC Input
3. USB Port
4. LAN Port
5. COM Port
6. Optional Port
7. Optional Port

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Tech Diagram Images



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