TEGUAR

TS-2945-12

12" Waterproof All-in-One PC

Key Highlights

- 12.1" TFT-LCD Touchscreen
- Intel Celeron N2930 CPU
- IP66 Waterproof Rated (Optional IP69K)
- Grade 304 Stainless Steel Enclosure
- M12 Metal I/O Connectors

VIEW ONLINE

The TS-2945-12 Waterproof PC is encased in fully sealed, stainless steel housing, making it ideal for food and beverage processing environments. This computer has a fanless cooling system and IP66/NEMA 4x rated housing. The TS-2945-12 is built with industrial-grade components and 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

Weight / Dimensions

Weight	5 kg (11.0 lbs)
Dimensions	335 x 265 x 53 mm (13.2 x 10.4 x 2.1 in)

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

Display

Screen Size	12.1"
Screen Resolution	1024 x 768 (XGA)
Screen Ratio	16:10
Brightness	450 nits, 500 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
Mounting Options	VESA 75 Mount, Yoke Mount

Certification

Certifications	CE, FCC Class A

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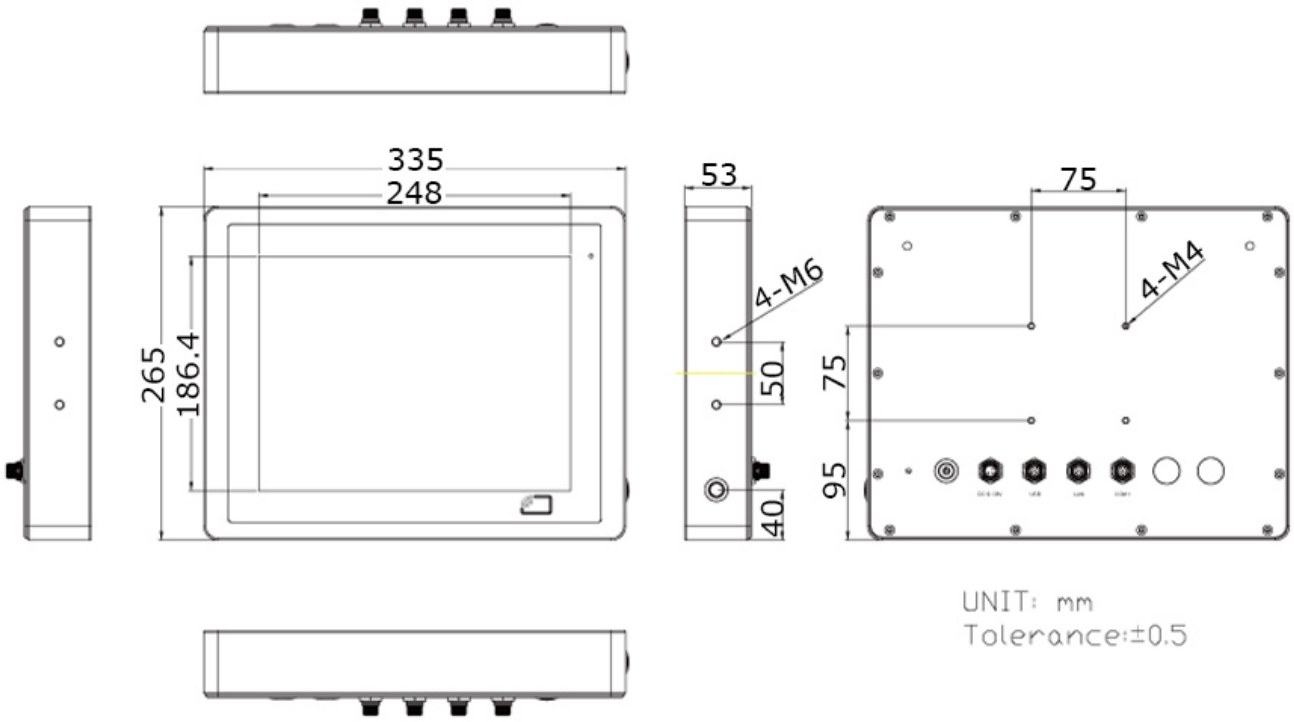
Tech Diagram Images



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