TEGUAR

TS-4845-10

10" Waterproof Touch Screen Computer



Key Highlights

- 10.1" Touchscreen in Both Resistive and PCap Options
- Celeron J6412 Processor Passmark Rating 3839
- Windows 11 Compatibility
- IP66 Stainless Steel Housing
- Waterproof M12 I/O Connectors

VIEW ONLINE

Introducing our 10" Waterproof Touch Screen Computer, a compact powerhouse designed for optimal performance in wet or damp environments. Running on Windows 11 and equipped with a Celeron Quad-Core Processor, this device seamlessly combines efficiency with innovation. The Touch On/Off button not only enhances user experience but also facilitates hygienic cleaning, ensuring a pristine display. Its 10" screen size strikes the perfect balance between portability and functionality, making it an ideal choice for diverse applications. Embrace the future of computing with this series, where cutting-edge features meet the demands of challenging environments.

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Technical Specifications

Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412
Processor Speed	2.0 GHz, Up to 2.6 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x M.2 SATA3 2242 Slot
Storage Support	128GB-1TB

Power

Input Voltage Range	9-36V DC

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 IoT, Windows 11 Pro

Compatibility

Security Hardware	TPM 2.0

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% – 95% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Optional Wi-Fi 6, 802.11 a/b/g/n/ac/ax
Bluetooth	Optional Bluetooth 5.3
Sim Card	1x Nano SIM Card Slot
RFID	Optional 125KHz OR 13.56 MHz
Sensors	Light Sensor

Certification

Certifications	CE, FCC

Specifications subject to change.

Display

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

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch), Resistive

External I/O Ports

USB	1x M12 8Pin for USB 1/2, 1x Optional M12 8Pin for USB 3/4
Serial / Com	1x M12 8-pin for COM, 1x Optional M12 8-pin for COM 2
Serial Protocol Detail	RS-232/422/485, RS-232 Defualt
Ethernet / LAN	1x M12 8pin RJ45 Gbe LAN, 1x Optional M12 8pin RJ45 Gbe LAN
Power Input Port	M12 type 3-PIN DC-in

Expansion Slots

Internal M.2	1x M.2 Type E
Other	Optional RFID module, front side

Enclosure

Material	Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66, IP69K Front Bezel
Color	Stainless Steel
Led Indicator Light	Power
Control Buttons	Power Button, Touchscreen Lock for Cleaning
Mounting Options	Desktop Stand, VESA 75 Mount, Wall Mount, Yoke Mount

Weight / Dimensions

Dimensions	300 x 53 x 220 mm (11.8 x 2.1 x 8.7 in)

Warranty

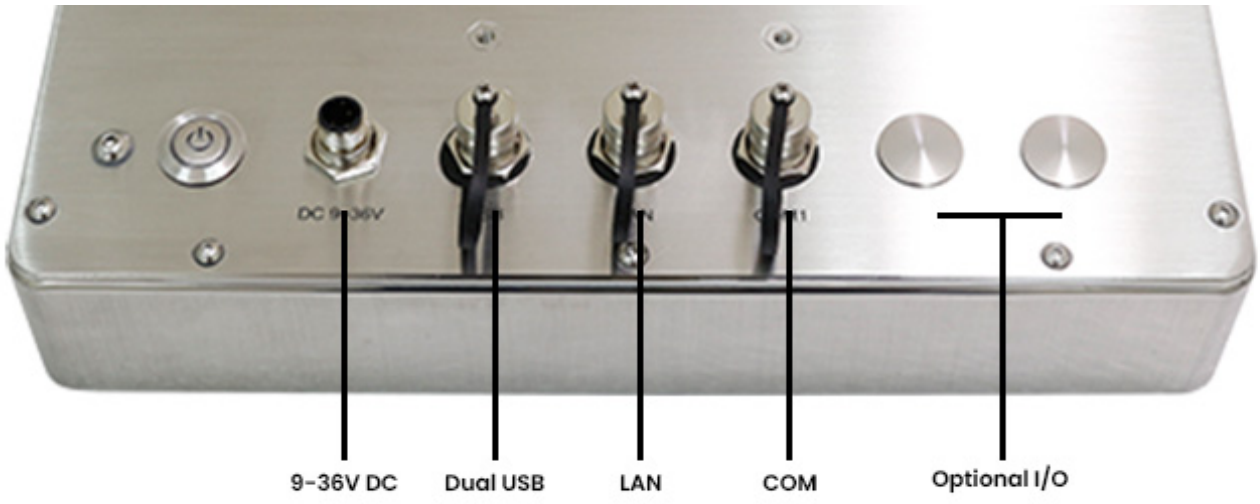
Warranty	Up to 5 Years

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I/O Diagram Images

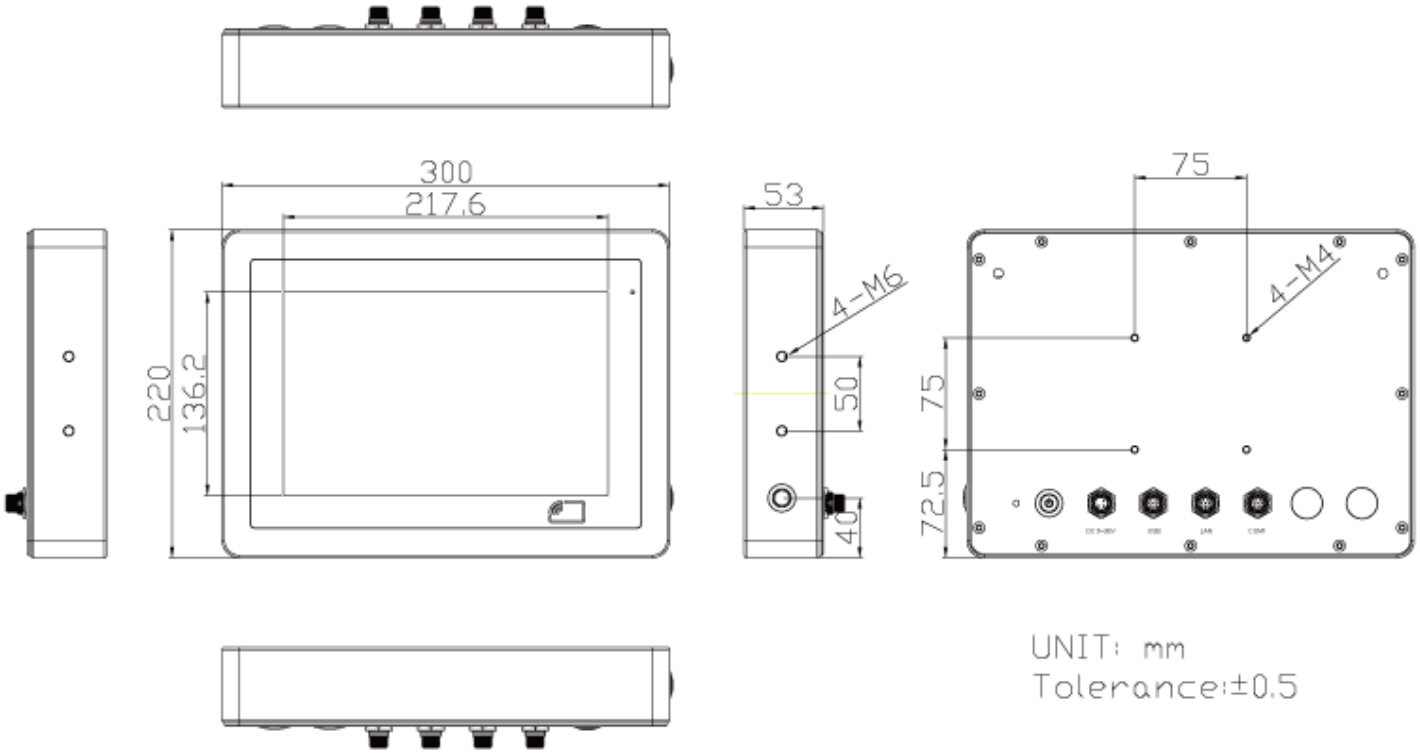


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Tech Diagram Images



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