TEGUAR

TS-4845-17

17" Waterproof Touch Screen Computer



Key Highlights

- 17" 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 the 17" Waterproof Touch Screen Computer, crafted for superior performance in wet or damp environments. Powered by Windows 11 and a potent Celeron Quad-Core Processor, this device seamlessly blends efficiency with innovation. Its M12 waterproof I/O connectors ensure secure and reliable connectivity in challenging conditions, enhancing versatility. The Touch On/Off button not only elevates user experience but also facilitates hygienic cleaning, a crucial feature for maintaining pristine screens in diverse settings. With a generous 17" screen, this series is an ideal choice for those seeking a spacious yet rugged computing solution that excels in demanding and variable 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 2.5" SATA Drive Bay for SSD/HDD, 1x M.2 SATA3 2242 Slot
Storage Support	M.2 and 2.5": 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

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

Display

Screen Size	17"
Screen Resolution	1280 x 1024 (SXGA)
Screen Ratio	5:4
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 Default
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 2230 Key E (for WiFi expansion option)

Enclosure

Material	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	432 x 55 x 358 mm (17.0 x 2.2 x 14.1 in)

Certification

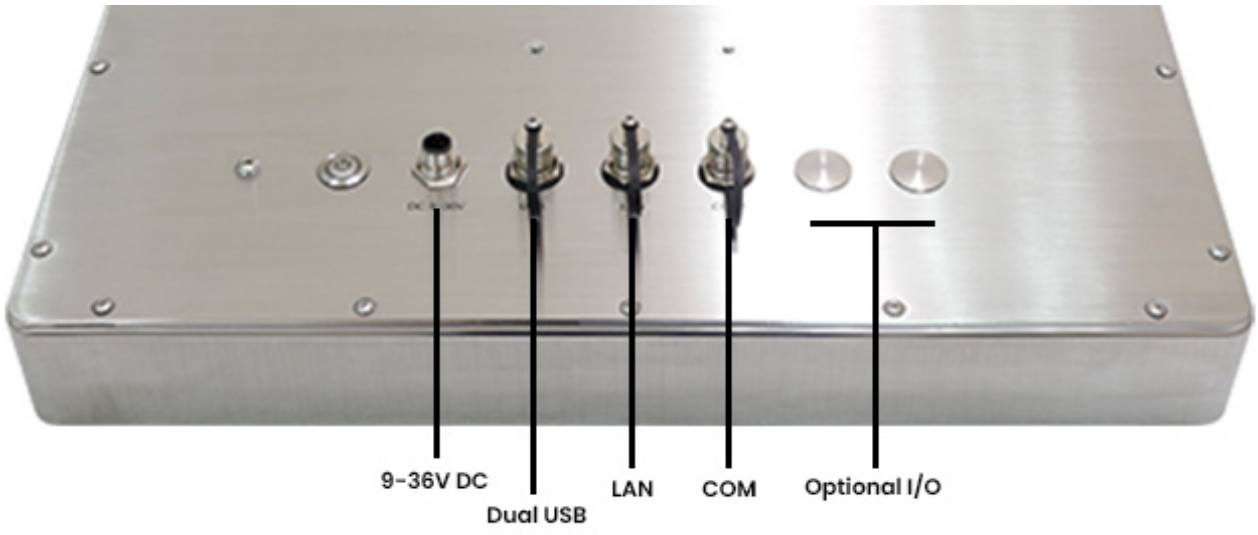
Certifications	CE, FCC

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I/O Diagram Images

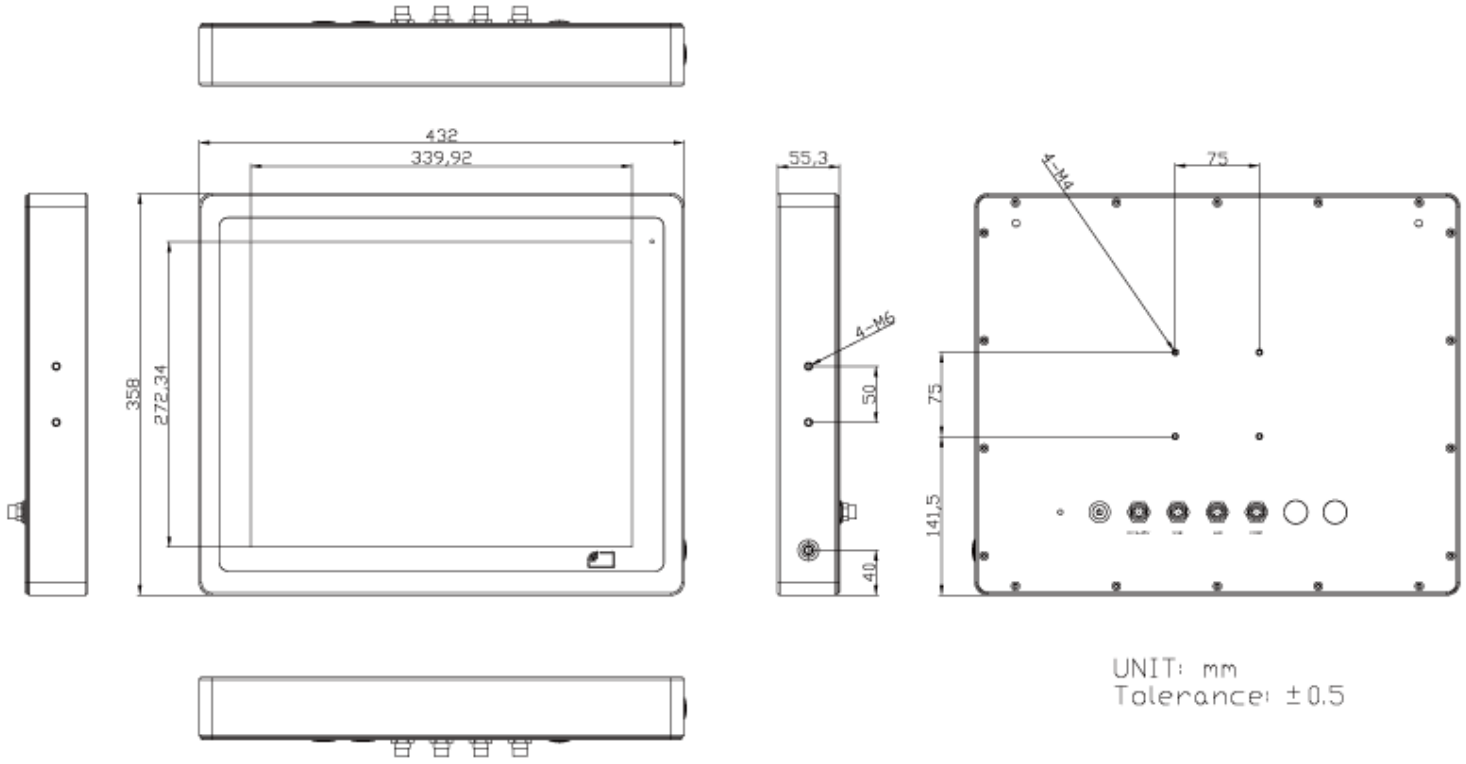


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Tech Diagram Images



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