TEGUAR

TRT-A5380-10

10" Rugged Tablet with Android



Key Highlights

- 10" Projective Capacitive Touchscreen
- 1.4Ghz ARM Cortex Quad Core CPU
- Android 8.1 Operating System
- Built-in Wi-Fi, Bluetooth 4.0, 4G, NFC, and GPS
- MIL-STD-810G Shock and Drop Resistant
- IP65 Waterproof Enclosure

VIEW ONLINE

The TRT-A5380-10 is a fully rugged, 10-inch industrial-grade tablet built to withstand the elements. It's Android 8.1 operating system gives this tablet a user-friendly interface that can easily integrate with your other devices. This industrial tablet PC is fully waterproof with an IP65 rating and it also complies with MIL-STD-810G, so it can withstand drops, shocks, and vibrations. The TRT-A5380-10 has extensive connectivity with built-in WiFi, Bluetooth, GPS, and 4G LTE. It also has an optional barcode scanner and NFC scanner build right into the unit. This tablet has additional accessories such as various straps, a vehicle/forklift mount, or it can rest in the docking station, where the tablet can charge and peripherals can be plugged in through the extra I/Os.

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	MediaTek ARM Cortex-A53
Processor Model	MT8735A QuadCore
Processor Speed	1.4 GHz
Memory Type	Onboard DDR3
Memory Support	2GB
Storage Support	32GB (Standard), 64GB (Optional)

External I/O Ports

USB	1x Micro USB 2.0 OTG, 1x USB 2.0
Ethernet / LAN	1x RJ45 GbE LAN
Video Outputs	1x Mini HDMI
Other Ports	1x TF Slot
Audio Ports	1x 3.5mm Headphone Jack
Power Input Port	3.5mm DC-in Jack

Expansion Slots

Video Card Support	ARM Mali T720
SD card	1x Micro SD Slot
Other	Pogo Pin Expansion

Thermal & Environmental

Operating Temperature	-10°C ~ 50°C (14°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	95% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Wi-Fi 802.11 a/b/g/n
Bluetooth	Bluetooth 4.0
Mobile Network 4G LTE	Built-in FDD (B1, B2, B3, B4, B5, B7, B8, B17, B20) TDD (B38, B39, B40, B41)
Sim Card	1x Micro SIM Card Slot
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional NFC 13.56MHz (14443A/B, 15693, 18092, mifare)
Peripheral Other	Optional Fingerprint Reader;Cigarette adapter; Digitizer Pen; Handstrap; Desktop Dock; Vehicle Dock; Forklift Dock; Shoulder Strap; Back Strap; Mounts
Sensors	Accelerometer, Compass, Light Sensor, Proximity

Warranty

Warranty	1 Year

Display

Screen Size	10.1"
Screen Ratio	16:10
Brightness	400 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
Glass Type	Gorilla Glass

Power

Standard Power Adapter	AC100V ~ 240V, 50Hz/60Hz

Battery

Battery Type	Removable 3.7V/8500mAh Battery
Battery Operating Time	15hrs (Default 50% volume, 50% Brightness, Playing 1080P Video)

Operating Systems

Android	Android 8.1

Multimedia

Speakers	1x 0.8W Speaker
Camera	Front: 2MP, Rear: 13MP
Microphone	Built-in Microphone

Enclosure

Material	Double Injection
IP Rating	IP65
Color	Black
Control Buttons	Audio Down, Audio Up, Power Button
Programmable Function Buttons	1x Programmable Function Key
Shock Rating	MIL-STD-810G
Mounting Options	Desktop Stand, Forklift Mount, Vehicle Mount
Approved Cleaning Solutions	3M HB Quat, Acetone, Actichlor, Alcohol, Ammonium Nitrate (low concentration), Antigone, Betasept, Bleach, Caviwipes, Chloride, CIDEX, Control III Disinfectant Germicide, Dispatch Disinfectant Cleaner CLH69101, Incidin, Isopropyl Alcohol, LpH se, MikroBac, Mikrozid, Peridox, Puregreen 24 Disinfectant, SDW 70C, Sodium Hypochlorite, SporeClear, Trigene, Viraguard, Virkon, Windex

Weight / Dimensions

Weight	1.02 kg (2.2 lbs)
Dimensions	280 x 187 x 22 mm (11.0 x 7.4 x 0.9 in)

Certification

Certifications	CE, FCC Class B

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I/O Diagram Images

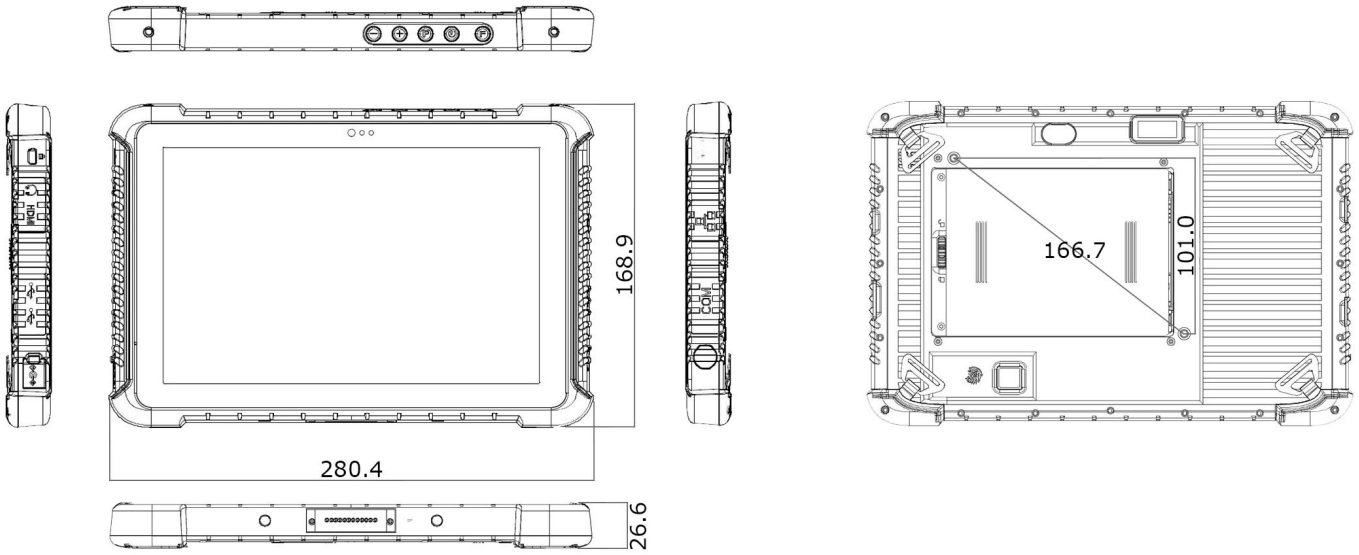
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Tech Diagram Images



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