TEGUAR

TRT-Q5380-08

8" Android Rugged Tablet



Key Highlights

- 8" Gorilla Glass Touchscreen
- Qualcomm MSM8953 Octacore Processor
- Android 10 GMS Operating System
- Optional 2D Barcode Scanner & NFC
- MIL-STD-810G Rated

VIEW ONLINE

The TRT-Q5380-08 runs on a Qualcomm Octa-Core CPU and has durable housing, so you can take it wherever you go. The 8" Gorilla Glass touchscreen is scratch resistant and the tablet is rated MIL-STD-810G, meaning it can withstand drops, shocks and machine vibrations. It is also fully waterproof, with an IP67 rating. The TRT-Q5380-08 has extensive connectivity with 4G LTE, WiFi, Bluetooth and GPS. It also has an optional barcode scanner and RFID reader build right into the unit. This tablet has an optional vehicle/forklift mount or docking station. Built in USB Type A and Type C ports provide versatility for easy access to standard USB and high speed data transfer connections.

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	Qualcomm Snapdragon 625 8 Core
Processor Model	MSM8953 OctaCore
Processor Speed	2.0 GHz
Memory Type	Onboard DDR3
Memory Support	4GB
Storage Type	Onboard eMMC Flash
Storage Support	64GB

Power

Standard Power Adapter	US AC/DC USB 5V Power Supply

Battery

Battery Type	Internal 3.7V/8500mAh Battery
Battery Operating Time	8hrs (Default 50% volume, 50% Brightness, Playing 1080P Video)

Expansion Slots

Video Card Support	Adreno 506 1920 x 1200 @ 60 fps
SD card	1x Micro SD Slot
Other	PIN Expansion

Thermal & Environmental

Operating Temperature	-25°C - 55°C (-13°F – 131°F)
Storage Temperature	-30°C - 70°C (-22°F – 158°F)
Cooling Solution	Passive – Fanless
Humidity Range	95% Non-condensing
Storage Humidity	5% – 95% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Dual-Band WIFI (802.11 a/b/g/n/ac)
Bluetooth	Bluetooth 4.1
GPS	yes
Mobile Network 4G LTE	*Not Certified for USA Carrier Networks
Sim Card	1x Micro SIM Card Slot
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	NFC 13.56Mhz IEC-14443A/B, 15693, 18092, Mifare
Sensors	Accelerometer, Gyroscope, Compass, Light Sensor

Certification

Certifications	CE

Display

Screen Size	8"
Screen Ratio	16:10
Brightness	550 nits

Touch Screen

Hardness	> 7H
Glass Type	Gorilla Glass

External I/O Ports

USB	1x USB 3.0, 1x USB Type C (USB 3.0, HDMI, Charging)
Video Outputs	1x Mini HDMI Type C
Audio Ports	1x 3.5mm Headphone Jack
Power Input Port	3.5mm DC-in Jack, Pogo Pin Connector

Operating Systems

Android	Android 10

Multimedia

Speakers	1x 0.8W Speaker
Camera	Front: 5MP, Rear: 13MP
Microphone	Built-in Microphone

Enclosure

Material	Double Injection
IP Rating	IP67
Color	Black
Led Indicator Light	Charging Indicator
Control Buttons	Audio Down, Audio Up, Power Button
Programmable Function Buttons	1x Programmable Function Key
Shock Rating	MIL-STD-810G
Drop Rating	4ft Drop Protection
Mounting Options	Vehicle Mount, Forklift Mount
Approved Cleaning Solutions	3M HB Quat, Acetone, 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, Sodium Hypochlorite, Peridox, Puregreen 24 Disinfectant, SDW 70C, SporeClear, Trigene, Viraguard, Virkon, Windex

Weight / Dimensions

Weight	0.71 kg (1.6 lbs)
Dimensions	260 x 145 x 16.5 mm (10.2 x 5.7 x 0.6 in)

Warranty

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I/O Diagram Images

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