TEGUAR

TRT-4380-10

10" Rugged Tablet



Key Highlights

- 10.1" Gorilla Glass Touchscreen
- Intel Quad Core Z8350 CPU
- Optional Barcode Scanner
- MIL-STD-810G Shock and Drop Resistant
- Optional High Brightness
- IP65 Waterproof Protection

VIEW ONLINE

The TRT-4380-10 is a 10" fanless rugged tablet with an Intel Cherrytrail processor. It is IP65 waterproof and dustproof rated, as well as complying with MIL-STD-810G to protect from shocks, vibration, and drops. This rugged tablet can withstand being handled by many different users and has battery power for up to 8 hours. It has an optional 1D/2D barcode scanner and fingerprint reader, as well as built-in WiFi, Bluetooth, 3G/4G, GPS, and NFC. The TRT-4380-10 will be working reliably in your facility for years to come.

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	Intel Atom CherryTrail
Processor Model	Z8350
Processor Speed	1.44 GHz
Memory Type	Onboard DDR3
Memory Support	4GB
Storage Support	32GB (Standard), up to 128GB (Optional)

External I/O Ports

USB	1x Micro USB Port, 1x USB 2.0
Serial / Com	1x COM
Serial Protocol Detail	1x RS-232 (2wire)
Ethernet / LAN	1x RJ45 10/100 LAN
Video Outputs	1x Mini HDMI
Audio Ports	1x 3.5mm Headphone Jack
Power Input Port	3.5mm DC-in Jack

Compatibility

Security Hardware	fTPM 2.0

Multimedia

Speakers	1x 0.8W Speaker
Camera	Front: 2MP, Rear: 5MP
Microphone	Built-in Microphone

Enclosure

Material	Double Injection
IP Rating	IP65
Color	Black
Shock Rating	MIL-STD-810G
Mounting Options	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	1.01 kg (2.2 lbs)
Dimensions	280 x 187 x 26.6 mm (11.0 x 7.4 x 1.0 in)

Certification

Certifications	CE, FCC Class B

Warranty

Display

Screen Size	10.1"
Screen Ratio	16:10
Brightness	280 nits, Optional 750 nit High Brightness

Touch Screen

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

Power

Standard Power Adapter	AC 100V~240V 50Hz/60Hz output DC 5V/3A

Battery

Battery Type	Removable 3.7V/10000mAh Battery
Battery Operating Time	8hrs (Default 50% volume, 50% Brightness, Playing 1080P Video)

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro
Android	Android 5.X

Expansion Slots

Video Card Support	Intel HD Graphics
SD card	1x Micro SD Slot
Other	Pogo Pin Expansion

Thermal & Environmental

Operating Temperature	-20°C ~ 60°C (-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

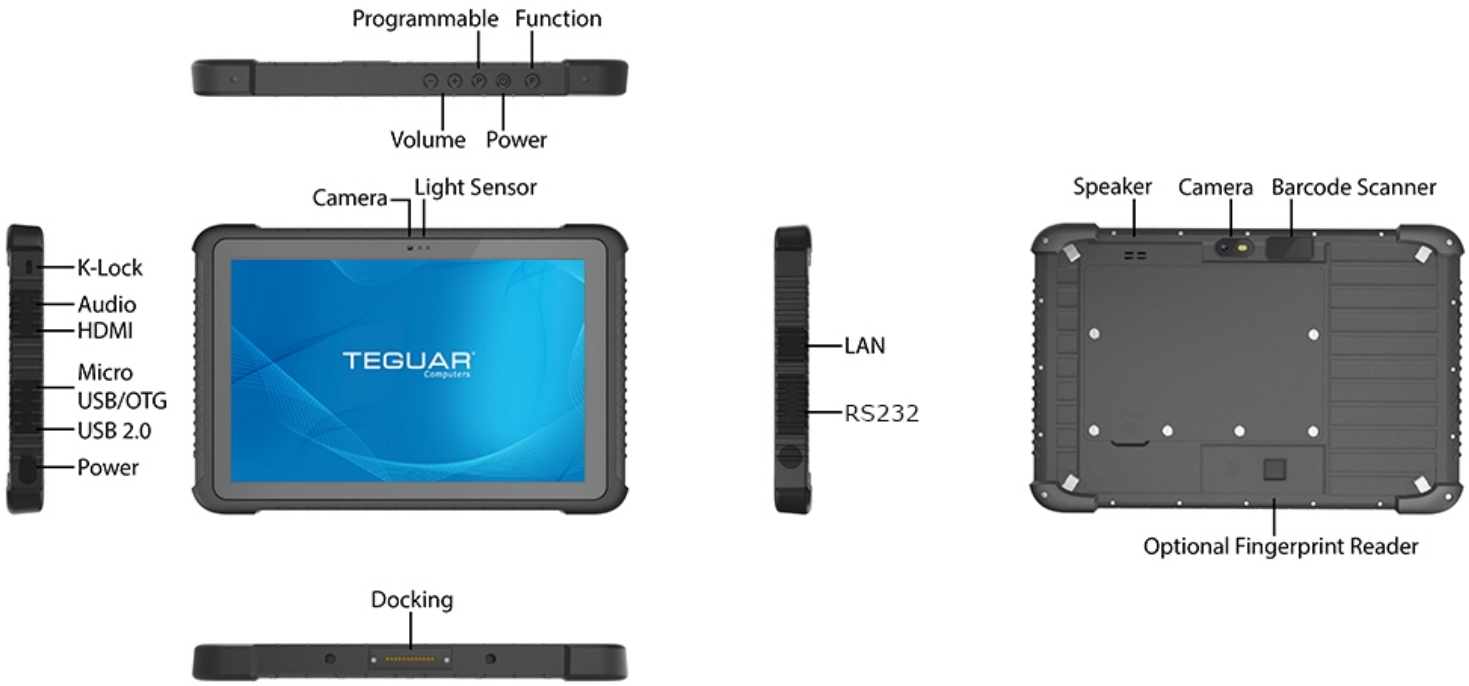
WiFi	Wi-Fi a/b/g/n/ac
Bluetooth	Bluetooth 4.0
GPS	Ublox 7
Mobile Network 4G LTE	Optional Onboard Quectel 4G LTE , North America,South America, EMEA, Austrailia/NZ
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional RFID Scanner (NFC 13.56 Mhz ISO/IEC 14443A/14443B/15693/18092/MiFare)
Peripheral Other	Optional Fingerprint Reader, Cigarette adapter; Digitizer Pen; Handstrap; Desktop Dock; Vehicle Dock; Forklift Dock; Shoulder Strap; Back Strap; Mounts
Sensors	Accelerometer

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I/O Diagram Images

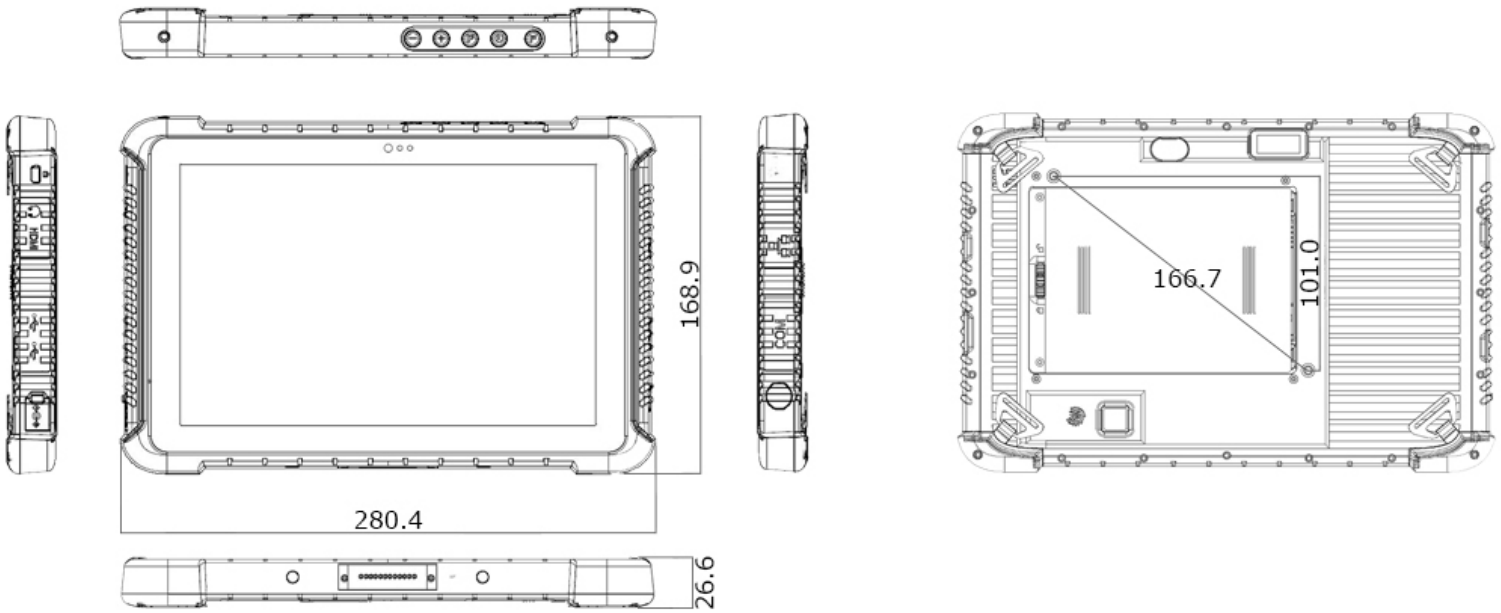


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Tech Diagram Images



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