TEGUAR

TRT-4380-12

12" Rugged Tablet

Key Highlights

- 12.2" Full HD Touchscreen
- Intel Quad Core Z8350 CPU
- Fanless Cooling System
- Built-in Wi-Fi and Bluetooth
- Optional Barcode Scanner
- MIL-STD-810G and IP65 Rated

VIEW ONLINE

The TRT-4380-12 is a fanless rugged tablet with a 12" full HD touchscreen. It features the Intel Cherrytrail processor and is IP65 waterproof rated, as well as complying with MIL-STD-810G to ensure it is protected from accidental drops, falls, and shocks. This tablet comes with built-in WiFi, Bluetooth, 3G/4G, GPS, and NFC, and has the option for a 1D/2D barcode scanner. The projected capacitive touchscreen is made with anti-scratch Gorilla Glass, so you can rest easy knowing your TRT-4380-12 can be safely operated by different users without sustaining damage. **This product is now considered "Previous Generation" meaning it may or may not still be available for purchase. Call +1 800 870 7715 for details on this product or check out our full list of currently available Rugged Windows Tablets.**

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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	2x COM
Serial Protocol Detail	1x RS-232 (2wire), 1x RS-485 (2wire)
Ethernet / LAN	1x RJ45 GbE LAN
Video Outputs	1x Mini HDMI
Audio Ports	1x 3.5mm Headphone Jack
Power Input Port	3.5mm DC-in Jack

Multimedia

Speakers	2x 0.8W Speakers
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, VESA 100 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	1.5 kg (3.3 lbs)
Dimensions	319.6 x 216 x 23.4 mm (12.6 x 8.5 x 0.9 in)

Certification

Certifications	CE

Warranty

Warranty	1 Year

Display

Screen Size	12.2"
Screen Ratio	16:10
Brightness	280 nits

Touch Screen

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

Battery

Battery Type	Removable 3.7V/12600mAh Battery
Battery Operating Time	8hrs (Default 50% volume, 50% Brightness, Playing 1080P Video)

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro

Compatibility

Security Hardware	fTPM 2.0

Expansion Slots

Video Card Support	Intel HD Graphics 400
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 M.2 Quectel 4G LTE , North America,South America, EMEA, Austrailia/NZ
Sim Card	1x SIM Card Slot
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional RFID Scanner (NFC 13.56 Mhz ISO/IEC 14443A/14443B/15693/18092/MiFare)
Peripheral Other	Cigarette adapter; Digitizer Pen; Handstrap; Desktop Dock; Vehicle Dock; Forklift Dock; Shoulder Strap; Back Strap; Mounts
Sensors	Accelerometer

Specifications subject to change

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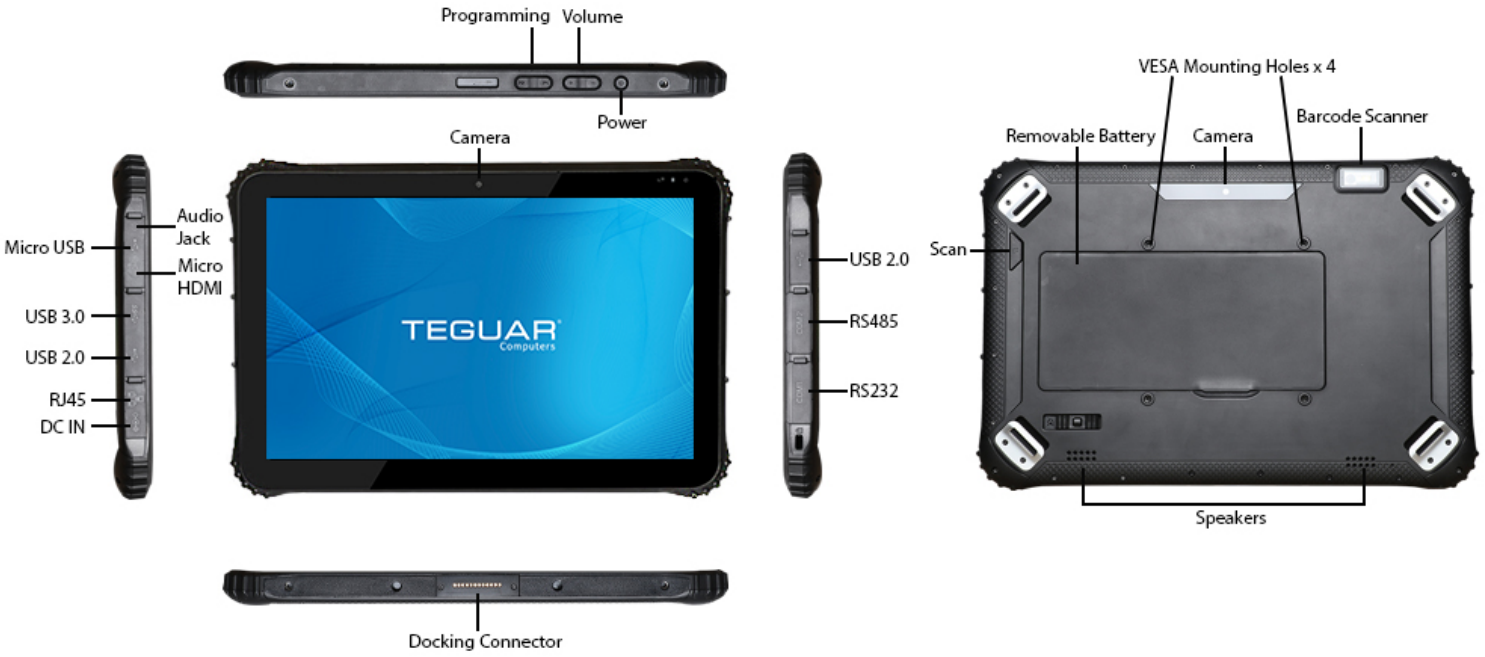
I/O Diagram Images



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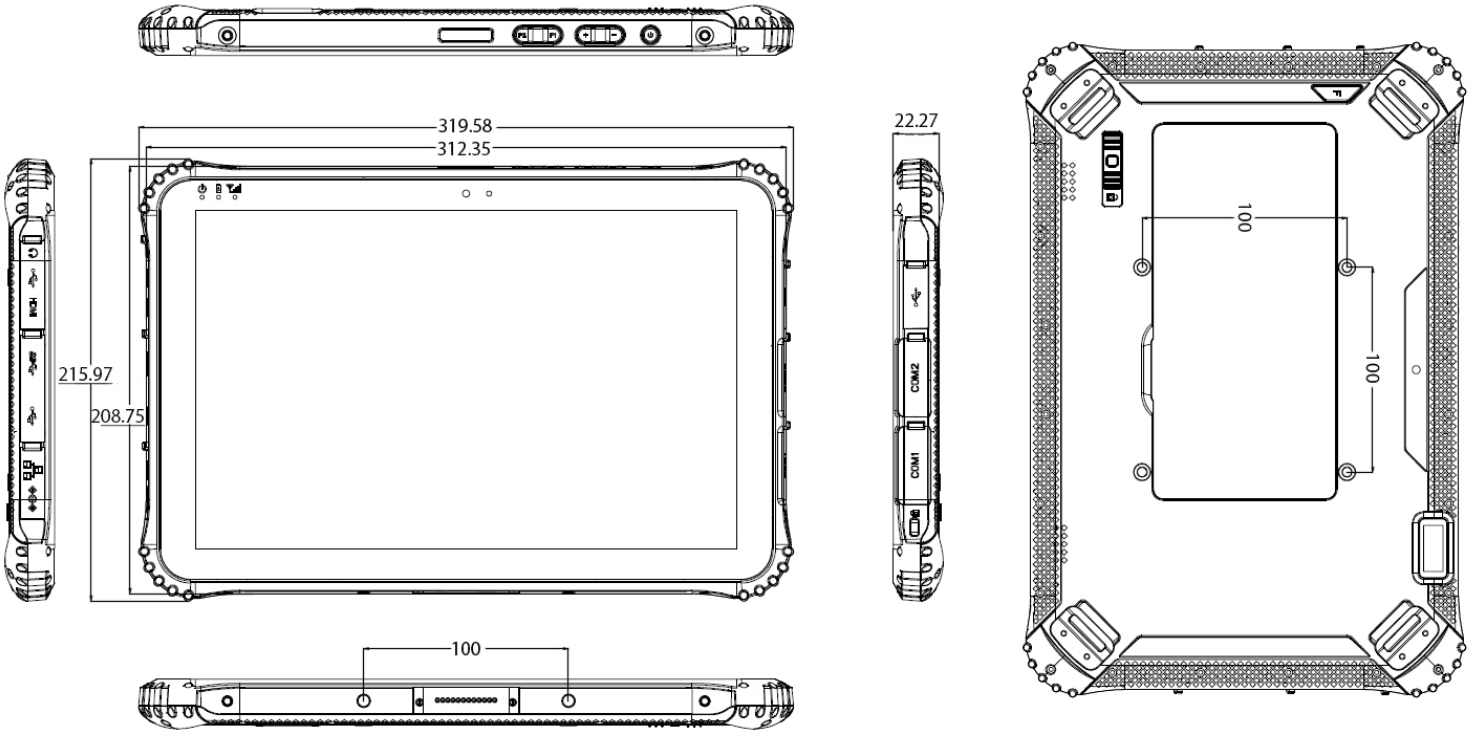
Tech Diagram Images



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