TEGUAR

TRT-A5780-08S

8" Slim Rugged Tablet PC

Key Highlights

- AIoT ARM architecture octa-core CPU
- Latest Android 14 OS
- 8GB RAM and 128GB ROM
- Dual-Band Wi-Fi 5
- BT 5.1 for greater range and higher speed
- 4G mobile network

VIEW ONLINE

Multitasking is a breeze on this light yet limitless slim Android tablet for the industrial and medical industries. The built-in 7200mAh battery provides up to 13 hours of use on a single charge. Functions include barcode scanning and NFC for diverse data collection needs; 5MP and 13MP dual cameras for clear and detailed documentation; and GPS for multi-mode satellite positioning. The tablet is highly reliable with scratch resistance, IP65 waterproof and dustproof rating, and MIL-STD-810H certification.

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Technical Specifications

Primary Components

Processor Family	MediaTek ARM Cortex-A55/A76
Processor Model	MT87871 Octa Core
Memory Type	Onboard LPDDR4X
Memory Support	8GB
Storage Type	Onboard eMMC Flash
Storage Support	128GB (On board)

External I/O Ports

USB	1x USB 2.0 type C (PD)
Other Ports	12 Pin Pogo
Power Input Port	USB Type-C (Supports PE+ 2.0 Fast Charging)

Operating Systems

Android	Android 14

Multimedia

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

Enclosure

Material	PC+ABS
IP Rating	IP65
Color	Black (Standard), White (with MOQ)
Control Buttons	Power Button, Scanner, Volume UP+/ Volume Down -
Shock Rating	MIL-STD-810H
Drop Rating	4ft Drop Protection

Weight / Dimensions

Weight	0.5 kg (1.1 lbs)
Dimensions	219 x 139 x 12.5 mm (8.6 x 5.5 x 0.5 in)

Certification

Certifications	60601-1-2 Compliant, CE, FCC

Display

Screen Size	8"
Screen Resolution	1920 x 1200 (WUXGA)
Screen Ratio	16:10
Brightness	550 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)

Power

Standard Power Adapter	US AC/DC USB-C Power Supply (18W Maximum)

Battery

Battery Type	Internal 3.8V, 7200mAh
Battery Operating Time	Up to 13 Hours

Expansion Slots

SD card	1x Micro SD Slot

Thermal & Environmental

Operating Temperature	-10°C - 50°C (14°F – 122°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive – Fanless
Humidity Range	5% – 95% Non-condensing

Peripherals & Wireless Connectivity

WiFi	802.11 (a/b/g/n/ac) Dual Band 2.4Gh & 5.0 Ghz
Bluetooth	Bluetooth 5.1
GPS	yes
Mobile Networks	2G/3G/4GLTE FDD/TDD, 5G (N1,3,5,28,38,41,77,78,79) Non Carrier certified
Sim Card	1x Micro SIM Card Slot
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	NFC Built-in

Warranty

Warranty	1 Year

Specifications subject to change.

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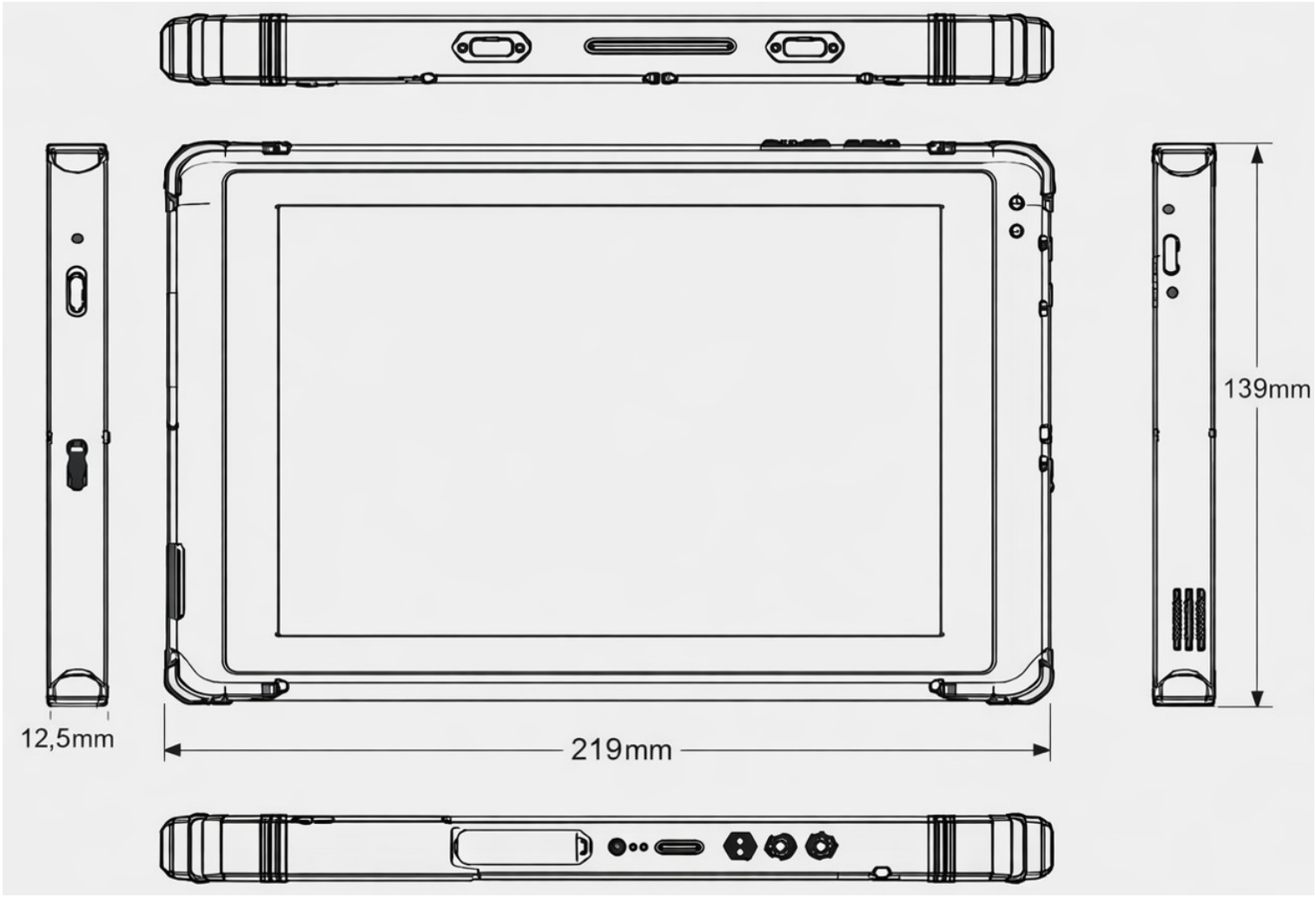
Dimensional Drawing



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