

TRT-A5580-10S

10" Slim Rugged Tablet



Key Highlights

- Full HD display with 550 nits brightness
- Slim, sleek, lightweight design
- Powered by 700 Octa-Core CPU, passmark rating 3784
- Android 11 with Google Mobile Services
- 2D Scanner

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The TRT-A5580-10S is a 10" tablet that masterfully blends a slim profile with rugged durability, making it ideal for demanding environments. It is powered by a high-performance Mediatek Dimensity 700 Octa-Core CPU, ensuring robust and efficient performance for a variety of tasks. Running on Android 11 with Google Mobile Services, the TRT-A5580-10S offers an intuitive user experience and access to a wide range of apps. Additionally, it includes a 2D scanner, providing reliable and efficient data capture capabilities. This combination of features makes the TRT-A5580-10S a versatile and dependable tool for professional use.

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Technical Specifications

Primary Components

Processor Model	MT6833(5G-C) OctaCore
Processor Speed	2.0 GHz
Memory Type	Onboard LPDDR4X
Memory Support	6GB
Storage Support	64GB-128GB

External I/O Ports

USB	1x USB 2.0 type C (OTG, power and charging only), 2x USB 2.0
Serial / Com	1x COM
Serial Protocol Detail	RS232
Ethernet / LAN	1x RJ45 GbE LAN
Audio Ports	1x 3.5mm Headphone Jack
Power Input Port	Pogo Pin Connector

Multimedia

Speakers	2x 0.8W Speakers
Microphone	Built-in Microphone

Enclosure

IP Rating	IP65
Color	Black
Drop Rating	3ft Drop Protection

Weight / Dimensions

Weight	0.700 kg (1.5 lbs)
Dimensions	263 x 177 x 10.5 mm (10.4 x 7.0 x 0.4 in)

Warranty

Warranty	1 Year
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Display

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

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
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Battery

Battery Type	Internal 3.8V/9500mAh Battery
Battery Operating Time	10hrs (Default 50% volume, 100% Brightness, Playing 1080P Video)

Operating Systems

Android	Android 11
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Expansion Slots

SD card	1x Micro SD Slot
Other	512GB max via Micro SD

Thermal & Environmental

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

Peripherals & Wireless Connectivity

WiFi	WiFi 802.11(a/b/g/n/ac), 2.4G+5.0G(5.1G+5.8G) Dual band WiFi
Bluetooth	Bluetooth 5.1
GPS	yes
Mobile Network 4G LTE	Built-in 4G LTE FDD (B1, B2, B3, B4, B5, B7, B8, B13, B17, B20, B28a, B28b) TDD (B34, B38, B39, B40, B41)
Mobile Network 5G	N1+N3+N5+N28+N38+N41+N77+N78+N79
Sim Card	2x SIM Card Slot
RFID	NFC Built-in
Sensors	Accelerometer, Compass, Gyroscope

Specifications subject to change.

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