

# TMT-A5580-10S

10" Android Medical Tablet



## Key Highlights

- 10.1" Full HD Display with Touch
- Octa-Core Processor, 2.0/2.2 Ghz
- Android 11 with Google Mobile Services
- Slim, Lightweight Design with MIL-STD-810H Rating
- Optional 2D scanner

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The 10" Android Medical Tablet is powered by an Octa-Core processor with Android 11 OS and Google Mobile Services. It can easily integrate with essential medical applications and has smooth handling of complex medical data. Despite its slim and sleek design, the device has remarkable durability, backed by a Mil-STD-810H rating for reliable operation in challenging environments. The IP65 rating protects the tablet against water and dust. Specifically for the 10" Android Medical Tablet, there is an option docking station to add to its adaptability.

### 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	MediaTek ARM Cortex-A55/A76
Processor Model	MT6833 OctaCore
Memory Type	Onboard DDR4L
Memory Support	8GB
Storage Type	Onboard eMMC Flash
Storage Support	128GB

## External I/O Ports

USB	1x USB 2.0 type C (PD)
Other Ports	12 Pin Pogo
Power Input Port	USB Type-C OTG

## Operating Systems

Android	Android 11
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## Multimedia

Speakers	1x 1W Speaker
Camera	Front: 5MP, Rear: 13MP

## Enclosure

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

## Weight / Dimensions

Weight	0.68 kg (1.5 lbs)
Dimensions	263 x 10.5 x 177 mm (10.4 x 0.4 x 7.0 in)

## Warranty

Warranty	1 Year
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Specifications subject to change.

## Display

Screen Size	10.1"
Screen Resolution	1920 x 1200 (WUXGA)
Screen Ratio	16:10
Brightness	400 nits

## Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
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## Power

Standard Power Adapter	USB Type C, 9V 2A
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## Battery

Battery Type	Internal 3.8V/9500mAh Battery
Battery Operating Time	13hrs

## Expansion Slots

SD card	1x Micro SD Slot
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## 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
Storage Humidity	5% - 95% Non-condensing

## Peripherals & Wireless Connectivity

WiFi	802.11 a/b/g/n/ac (2.4Ghz + 5.0Ghz)
Bluetooth	Bluetooth 5.1
GPS	yes
Sim Card	1x SIM Card Slot
Barcode Scanner	Optional 1D/2D Barcode Scanner
Sensors	Accelerometer

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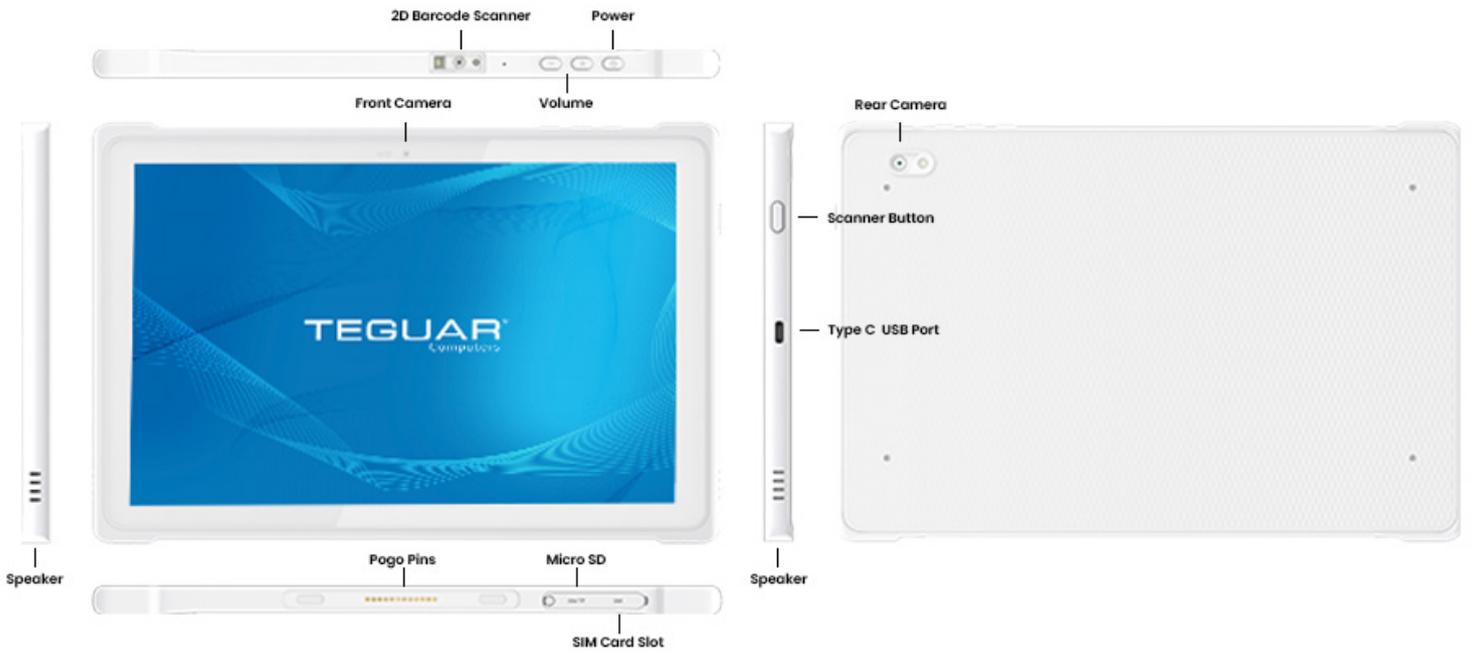
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## I/O Diagram Images



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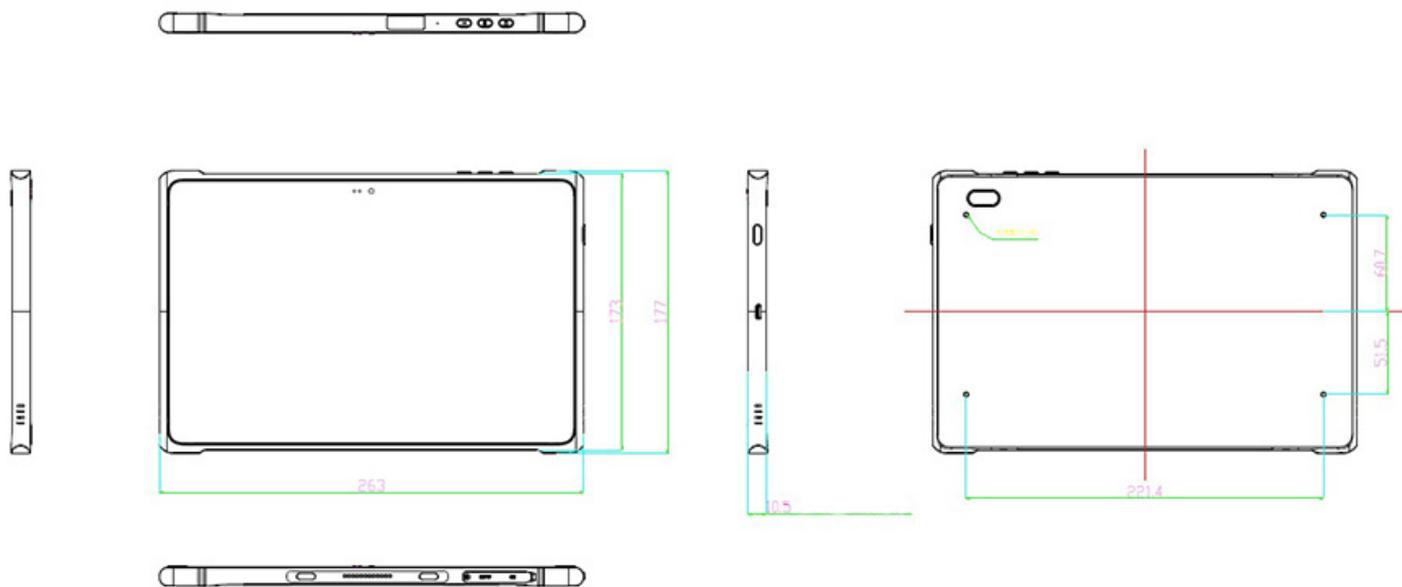
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# Tech Diagram Images



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