

# T101

10.1" Android Rugged Tablet Multi-Function Mobile Computer

## Overview

T101 mobile IOS terminal tough appearance is with 10.1" industrial-grade, 1000 cd/m<sup>2</sup> full-view display, toughened glass TP, and also aero-grade titanium alloy material frame. It meets MIL-STD-810G/Method516.6/Procedure IV and military standard. And it can withstand up to a 1.2m drop and 2 ton shock pressure test. While, it can also comes with a suite of integrated features, which is high-integration, high-performance, high-reliability, high-flexibility. Also it goes with a long-life 14600mAh battery, sunlight-readable, and operating under extreme low temperature.

## Features

- ARM Cortex A73 Octa-Core 2 GHz
- Operating System Android 9/10/11/13...
- Screen size 10.1-inch IPS, resolution 1920x1200
- Optional: 1D, 2D barcode reader, NFC, RFID, Fingerprint
- Supports 4G, Wi-Fi, Bluetooth and GNSS
- High-capacity battery 14600mAh
- MIL-STD-810G & IP67 certified



Android



Fingerprint



Barcode  
2D



High-  
capacity



IP67



RFID

## I/O Interfaces



## Specifications

| DISPLAY            |  |
|--------------------|--|
| Size               | 10.1-inch IPS AFFS FHD   |
| Touch type         | Capacitive/Frosted tempered film supports glove touch / spray / active capacitive pen  |
| Resolution         | 1920 x 1200  |
| Luminance          | 1000 nits Sunlight-Readable  |
| SYSTEM             |  |
| CPU                | MediaTek MT6771<br>ARM Cortex-A73 Octa-Core 2.0 GHz  |
| Memory             | 8 GB   |
| Storage            | 128 GB   |
| External Memory    | Micro SD Card (T-Flash Card), max 1TB  |
| Graphics           | ARM Mali-G72 MP3   |
| Operating System   | Android 9/10/11/13... (Continuous Updates)   |
| Camera             | Front : 5MP<br>Rear : 13MP autofocus camera with flash led   |
| Sensor             | Gravity, Magnetic Field, Motion, Gyroscope, Light, Acceleration  |
| I/O PORTS          |  |
| USB                | 2x USB Type A (Host)<br>1x USB Type C  |
| RS-232             | Uses 5-Pin micro USB interface, including one GPIO port  |
| Card slot          | 2x Nano SIM card<br>1x Micro SD card<br>Choose any two out of three  |
| Charging interface | 1x Type-C & 8-Pin Pogo Pin   |
| COMMUNICATION      |  |
| Wi-Fi              | Dual-Band Wi-Fi (2.4GHz/5.0GHz), single stream 802.11 a/b/g/n/ac   |
| Bluetooth          | Bluetooth V5.0 Low Energy (LE)   |
| Cellular           | Phone Call : GSM/WCDMA/VoLTE<br>2G : GSM/EDGE/GPRS/WAP<br>2G BAND : GSM (B2/3/5/8)<br>3G : WCDMA 3.75G (HSPDA+42.2Mbps, HSUPA+11.5Mbps)<br>3G BAND : WCDMA (B1/2/5/8)<br>4G : FDD: 150Mbps down, 50Mbps UP TDD: 150 Mbps, 50Mbps UP<br>4G BAND : TD-LTE (B38/39/40/41); FDD LTE (B1, B2, B3, B4, B5, B7, B8, B12, B17, B20, B28) |
| GNSS               | GPS, GLONASS, BeiDou, AGPS, SBAS (EPO 2.5m)  |
| OPTIONAL MODULES   |  |
| Extension 1        | 2x USB Type-A(Host)  |
| Extension 2        | RS-232 I/O   |
| Extension 3        | Fingerprint Module   |

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|                               |   |  |
|-------------------------------|---|--|
| Extension 4                   | Temperature pressure sensor   | 125K LF ID Card (8H-10D)<br>125K LF ID Card (10D)<br>125K LF HID Card Module<br>134.2K LF Animal Tag Module<br>HID Card Reader Module  |
|                               | HF RFID Module  | 13.56M HF Module (Single Protocol)<br>13.56M HF module (Multi-Protocol)  |
|                               | UHF RFID Module   | UHF UHF (M500 American standard)<br>UHF Air antenna , (long distance 8-10 meters)<br>UHF ultra high frequency (M500 European standard)<br>UHF module R2000<br>UHF module (M550 integrated with module antenna) |
|                               | NFC   | NFC Module<br>NFC antenna  |
|                               | ID/2D Barcode Module  | E20 scanner<br>N3680 scanner   |
|                               | ID Card module  | ID Card module<br>Antenna board  |
|                               | Temperature pressure sensor   |  |
|                               | Laser light   |  |
|                               | 38K infrared module   |  |
|                               | Industrial-Grade Short-Distance data communication Module   | LoRa<br>Zigbee   |
| Other customer supply modules | Need to meet the interface conditions:<br>Powered by 3.3V 1.5A/5V-1.5A, UART Interface, Interface level 3.3V/5V, GPIO 1/electrical level 3.3V/5V. |  |

### ENVIRONMENT

|                       |   |
|-----------------------|---|
| Charger               | 5.0V 3A 15W   |
| Operating temperature | -20°C to 55°C   |
| Storage temperature   | -40°C to 80°C   |
| Relative humidity     | 5% to 95%, non-condensing                                 |
| Operating Altitude    | Max: 4,500m (15,000 feet)                                 |
| Shake-proof           | 1-19Hz /1.0mm; 19-200Hz/1.0g                              |
| Dropproof / IK        | MIL-STD-810G/Method 516.6/Procedure IV & Touch Panel IK05 |
| Waterproof            | Class 5 (IEC 60529)                                       |
| Dustproof             | Class 6 (IEC 60529)                                       |
| Reliability           | MTBF >5000h; MTTR <0.5h                                   |

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|                           |  |
|---------------------------|--|
| IP Rating                 | IP67   |
| Language                  | French, English, Spanish, Portuguese (Brazil), Portuguese (Portugal), Italian, German, Dutch, Polish, Romanian, Turkish, Russian, Arabic, Indonesian, Malay, Thai, Vietnamese, Hindi, Hebrew, Simplified, Chinese, Chinese Traditional,... |
| <b>BATTERY</b>            |  |
| Battery type              | 14600mAh   |
| <b>MECHANICAL</b>         |  |
| Dimensions (L x W x H mm) | 320 x 210 x 12 mm  |
| Weight (kg)               | 1320g  |
| Color                     | Gray (Titanium alloy+ABS+PC+TPU)   |
| <b>CERTIFICATION</b>      |  |
| Certification             | CE, 3C, ROHS, FCC  |

## Dimensions



## Ordering Information

| Ref. | Description   |
|------|---|
| T101 | 10.1", 1200x1920, 1000 nits, MT6771, 8+128GB, Gray, Neutral |