

# RTC-M81

8-inch , MTK 6771, Android 11, Rugged Tablet Computer



## Features

- 8" rugged tablet with MTK Octa-Core processor and Android 11
- Integrated 1D/2D Barcode Reader, NFC/RFID, Fingerprint Module
- Support 4G LTE, WLAN, BT & GNSS
- I/O Interface: RS232/RJ45 Ethernet/USB/HDMI
- Removable high-capacity battery design
- IP67 and 1.22m drop certified

## Specifications

### Standard Configuration

Dimension	236.5 x 156 x 23mm
Weight	840g
Color	black
LCD	8-inch 16:10 TFT IPS LCD, 800*1280, 400cd/m <sup>2</sup> (Optional 750cd/m <sup>2</sup> )
Touchscreen	10 point capacitive touch screen, G+G, gorilla glass, hardness 7H
Camera	Front 5MP fixed focus camera, rear 13MP autofocus camera with flash
Speaker	8Ω/1W, Stereo dual speakers
MIC	Built-in microphone
Battery	Removable polymer Li-ion battery, 3.8V 10000mAh
Battery Life	8 hours (1080P video is played at 50% brightness by default)

### System Hardware Configuration

CPU	MTK 6771, ARM Cortex-A73 Quad-core 2.0 Ghz, ARM Cortex-A53 Quad-core 2.0GHz
GPU	ARM Mail-G72
RAM	4GB LDDR4 (Optional 6GB)
ROM	64GB EMMC (Optional 128GB)
Sensor	Compass, Gyroscope, G-sensor, Light sensor

### Network Connections

WIFI	WIFI 802.11(a/b/g/n/ac) 2.4G+5.8G
Bluetooth	BT4.2 (BLE) class1 Transmission distance 10m
4G	GSM: B2/B3/B5/B8 WCDMA: B1/B2/B5/B8 TD-SCDMA: B38/B39/B40/B41 CDMA2000: BC0/BC1 FDD: B1/B3/B5/B8/B20/B28a/B28b or B2/B4/B7/B17 TDD: B34/B38/B39/B40/B41
GPS	GPS/Glonass/Beidou (G+G+B)
NFC	13.56MHz, Support ISO/IEC 14443A/14443B/15693/18092/mifare, Card reading distance: 2~5cm

### Data Collection (Optional)

RFID	HF: 13.56MHz, Support ISO/IEC 14443A/14443B/15693 UHF: PR9200 / R2000
2D Scan Reader	Optical resolution: 5mil, scanning speed: 50 times/s
Fingerprint	ISO/FBI Certification

### I/O Interface

TF Card	TF card slot x1, Up to 256GB
SIM Card	Micro SIM card slot x1
USB Type-C	Type-C x1, Charging and data transmission
USB Type-A	USB 2.0 x1
Earphone Jack	3.5mm standard earphone jack x1
HDMI	Mini HDMI 1.4a x1
Ethernet	RJ45 x1, 10/100M
Pogo Pin	12pin*1
Aviation Plug	Aviation Plug x2 (Optional), USB/RS232/DC-IN (three choose two)

### Keys and Indicators

Function Key	Function key x2
Power Key	Power key x1
Volume Key	Volume+ x1, Volume- x1
Indicator	Battery indicator light x1

### Software

OS	Android 11
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### Reliability

Drop	1.22m drop
Dustproof and Waterproof	IP67
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
OSD	Contact discharge: ±5kV, Air discharge: ±10kV
Humidity	95% Non-Condensing

## Dimensions

