

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 ² (Optional 750cd/m ²) |
| 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

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|-----------|--|
| 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

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|----|------------|
| OS | Android 11 |
|----|------------|

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

