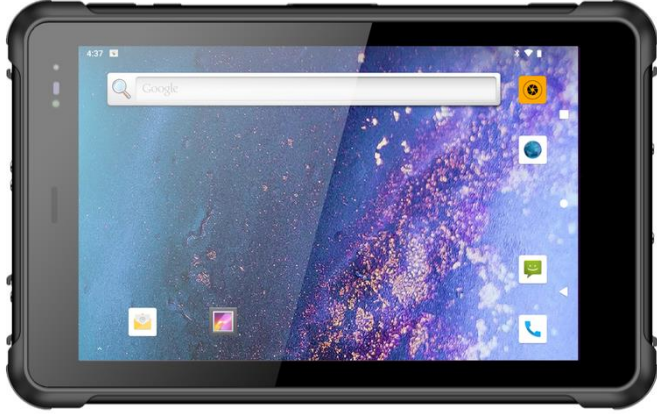


# MATAR8A

8" MTK MT6771 2.0GHz  
Android Rugged Tablet



## Features:

- 8" WXGA(1280 x 800)500/1000 nits TFT LCD
- MTK MT6771 2.0GHz
- WiFi 802.11a/b/g/n/ac, Bluetooth 4.0, LTE
- 5MP Front and 13MP Rear Camera
- Optional 1D/2D Barcode Scanner & NFC/RFID
- Up to 3 GNSS, GPS/BD/GLonass
- Corning Gorilla Glass III, Optional AG+AF+Wet Hand/Glove
- 9800mAh large-capacity battery can meet long-time working requirements
- IP67 Compliant, Drop 1.2m
- Android 10

## Specifications:

### System Hardware

|         |   |               |  |
|---------|---|---------------|--|
| CPU     | MTK MT6771 Octa-core 2.0GHz   | Earpiece      | Waterproof earpiece  |
| Memory  | 4GB   | Button        | Power button, Volume ,-/+  |
| Storage | 64GB  |               | *1Customize function key   |
| Camera  | 5MP front camera with fixed focus<br>13MP rear camera with auto focus and LED light |               | *1Barcode scanner shortcut key                                     |
| Speaker | Single speaker, 1.2W/8Ω   | LED Indicator | Charging indicator   |
| MIC     | Waterproof MIC  | Sensor        | Gsensor, Gyroscope, Ecompass, Distance sensor, Motor, Light sensor |

### Display

|                |   |             |  |
|----------------|---|-------------|--|
| LCD Type       | 8" TFT-LCD  | Luminance   | 500 cd/m <sup>2</sup> , Optional 1000 cd/m <sup>2</sup>  |
| Max. Resoluion | 1280*800  | Touchscreen | -5Points projected capacitive touchscreen, up to 10-points, Optional AG+AF or AG+AF+Wet Hand/Glove |
| Cover Glass    | Corning Gorilla Glass III, hardness 7H, light transmittance 85% |             |  |

### OS

|    |            |
|----|------------|
| OS | Android 10 |
|----|------------|

### I/O Interface

|          |   |               |                             |
|----------|---|---------------|-----------------------------|
| POGO PIN | 1*POGO PIN(USB+Charging)                            | DC Jack       | *1DC Jack                   |
| USB      | 1*USB Type C(USB OTG+Charging)<br>1*USB 2.0, TYPE A | SIM Card Slot | *1Micro SIM Card Slot       |
| Video    | 1*mini HD   | TF Card Slot  | *1TF Card Slot, up to 256GB |
| Audio    | 3.5mm Headphone Jack                                | Aviation Plug | Expansion 1*CAN             |

## Communication

|                          |                               |      |  |   |
|--------------------------|-------------------------------|------|--|---|
| WWAN                     | GSM: B2/B3/B5/B8              | WIFI | 802.11a/b/g/n/ac, 2.4G+5.8G Dual-band WIFI |   |
|                          | WCDMA: B1/B2/B5/B8            |      | Bluetooth                                  | Bluetooth 4.0 (BLE) class1, Transmission range: 10m |
|                          | TD-SCDMA: B38/B39/B40/B41     |      | GNSS                                       | MT6631 GPS+BD+GLonass                               |
|                          | CDMA2000                      |      |  |   |
|                          | LTE-FDD: B1/B2/B3/B4/B5/B7/B8 |      |  |   |
| LTE-TDD: B38/B39/B40/B41 |                               |      |  |   |

## Extended Functions

|          |   |                 |  |
|----------|---|-----------------|--|
| NFC/RFID | Optional NFC/HF-RFID/UHF-RFID, 3 choose 1 | Barcode Scanner | Optional 1D/2D barcode scanner, 2 choose 1 |
|----------|---|-----------------|--|

## Power

|             |   |              |  |
|-------------|---|--------------|--|
| Power Input | 5V DC Input, 5V/3A power adapter                                | Battery      | 9800mAh, 3.8V Li-Ion battery                       |
|             | Optional 5~24V DC power input, no built-in battery power supply | Battery Life | 10hours )Play 1080P video under LCD 50% backlight( |

## Environment

|           |                                    |                 |            |
|-----------|------------------------------------|-----------------|------------|
| Drop      | 1.2m free fall to the wooden floor | Operating Temp. | °C50~°C10- |
| IP Rating | IP67                               | Storage Temp.   | °C70~°C30- |

## Certificate

|             |                     |
|-------------|---------------------|
| Certificate | CE、RHOS、UN38.3、MSDS |
|-------------|---------------------|

## Mechanical

|                       |   |        |        |
|-----------------------|---|--------|--------|
| Dimension (W x H x D) | 22*145.7*256.6mm                                    | Weight | 0.80kg |
|                       | Optional UHF RFID module, thickness increases 9.5mm | Color  | Black  |

## Accessory

|                    |   |
|--------------------|---|
| Accessory          | Hand strap, Type-C OTG cable, 5V/3A power adapter   |
| Optional Accessory | Docking, Vehicle bracket, Vehicle charger, Passive touch pen, Type-C data cable, Vehicle charging bracket |

## Product Six Views:

