

MATAR8B

8" Intel® Cherry Trail Quad-core Z8350
Windows Rugged Tablet

Features:

- 8" WXGA(1280 x 800)500/1000 nits TFT LCD
- Intel® Cherry Trail Quad-core Z8350
- WiFi 802.11a/b/g/n/ac, Bluetooth 4.2, LTE
- 5MP Front and 13MP Rear Camera
- Optional 1D/2D Barcode Scanner & NFC/RFID
- Support 2 GNSS, GPS/GLonass
- Multitouch PCAP touchscreen, Optional AG+AF
- 9800mAh large-capacity battery can meet long-time working requirements
- IP67 Compliant, Drop 1.2m
- Windows 10



Specifications:

System Hardware

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|---------|---|---------------|--|
| CPU | Intel® Cherry Trail Quad-core Z8350 1.44GHz~1.92GHz | MIC | Waterproof MIC |
| Memory | 4GB | Earpiece | Waterproof earpiece |
| Storage | 64GB | Button | Power button, Volume ,-/+ |
| Camera | 5MP front camera with fixed focus 13MP rear camera with auto focus | | *1Customize function key *1Barcode scanner shortcut key |
| Speaker | Single speaker, 1.2W/8Ω | LED Indicator | Charging indicator |
| | | Sensor | Gsensor |

Display

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

OS

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| OS | Windows 10 |
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I/O Interface

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|----------|---|---------------|-----------------------------|
| POGO PIN | 1*POGO PIN(USB+Charging) | DC Jack | *1DC Jack |
| USB | 1*USB Type C(USB OTG+Charging) 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

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|------|---|---------------------------|--|
| WWAN | EC-25EC (Europe/Middle East/ Africa/Korea/Thailand) LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8 | WIFI Bluetooth GNSS | 802.11a/b/g/n/ac, 2.4G+5.8G Dual-band WIFI Bluetooth 4.2 (BLE) class1, Transmission range: 10m U-blox GPS+GLonass |
|------|---|---------------------------|--|

Extended Functions

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

Power

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|-------------|--|-------------------------|---|
| Power Input | 5V DC Input, 5V/3A power adapter Optional 5~24V DC power input, no built-in battery power supply | Battery Battery Life | 9800mAh, 3.8V Li-Ion battery 8 hours)Play 1080P video under LCD 50% backlight(|
|-------------|--|-------------------------|---|

Environment

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

Certificate

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

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

Accessory

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| 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:

