

TA12

Rugged Handheld Scanner



Comprehensive upgrade

Enterprise-class Android OS+ Octa-core CPU, upgrade to Bluetooth 5.0 connection, faster and more stable, lower power consumption, support to connect multiple Bluetooth devices at the same time.

Depth optimization of scanning performance

Equipped with the industry's leading professional 1D/2D scan engine (developed in cooperation with zebra), read all kinds of barcodes and QR codes accurately and quickly, whether it's defacement, old fading or screen displayed code. The wide range of scanning and scanning distance make the actual work of scanning applications more flexible and faster.

5000mAh Long-lasting Battery 18W Fast Charge

TA12 handheld computer with 5000mAh capacity in the industry. The equipment perfectly adapt to the requirements of high-intensity data acquisition application, supports the powerful fast charging technology, can quickly replenish power in the working interval, and can be used in all-weather high-intensity continuous work.

Superior protective performance

TA12 handheld computer is capable of withstanding drop impact and fall resistance tests at a height of 1.5 meters. IP65 protection level ensures effective protection against dust and water immersion environment.

TA12 Specification

System Configuration

| | | |
|------------------|---|---|
| Processor | MT6762V/CA(Octa-core, 2.0GHz) | |
| Operating System | Android 9.0 | |
| Memory | 64 GB ROM+4 GB RAM(Standard) | |
| Expansion Slot | Micro SD card (Up to 64GB SDHC) | |
| Display | 5.45", 720*1440, HD+ 18:9, LTPS | |
| Touch Panel | GFF 10 touch, Glove mode/Wet hand operation | |
| Front Camera | 5MP (FF) | |
| Rear Camera | 13MP, PDAF, with flash LED | |
| Touch Glass | Tempered glass | |
| Keypad | Three virtual keys: Menu , Home , Back Physical keys: 1 power key, 2 scan keys, 1 volume keys(volume+/-) | |
| Battery | Capacity | 5000mAh build-in lithium polymer battery, discharge temperature-20~60°C |
| | Fast Charge | 9V/2A |
| Speaker | Spec | 12*17*2.5 (Dual speaker) |
| | Prompt | Vibration prompt /LED prompt/audio prompt |
| Vibration | Built-in vibration motor | |
| Sensor | G-sensor/Proximity sensor/Light sensor/ Gyroscope/geomagnetic sensor | |

Mechanical Parameter

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|-------------------|-----------------------|
| Dimension (LxWxD) | 158mm × 76mm × 13.7mm |
| Weight (g) | 227g |

Communication Transmission

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|-------------------------------------|---|
| Wireless WAN (Network frequency) | GSM: B2/B3/B5/B8 CDMA/CDMA-EVDO: BC0 TD-SCDMA: B34/B39 WCDMA: B1/B8 TDD-LTE Bands: B34/B38/B39/B40/B41 LTE_FDD/TDD Bands: B1/B3/B8 CA: B3+B3 2CA; B1+B3 2CA |
| Wireless WAN (Data Service) | GSM/CDMA/CDMA-EVDO/TD- SCDMA/WCDMA/TDD LTE/FDD LTE |
| Wireless LAN | Wi-Fi 802.11 a/b/g/n/ac (Dual-band: 2.4GHz+5GHz) |
| Bluetooth | Bluetooth 5.0 |
| GPS | Support GPS/AGPS/Glonass/BDS |

Develop Tools

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| Developing Tool | Android SDK |
| Supported Language | Java |

User Environment

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| Operating Temp. | -20~55° |
| Storage Temp. | -40~60° |
| Humidity | 0~95% |
| Drop Specification | Concrete1.5M |
| IP Grade | IP65 |
| ESD | ±12 KV air discharge, ±8 KV conductive discharge |

2D Barcode Scanning

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|--------------------|--|
| Scan Engine | Professional scanner SE6100-2D (Developed together with Zebra) Honeywell scan Engine N6703 |
| Optical Resolution | 1280*800 pixes / 844*640 pixes |
| Scan Precision | ≥3mil , Code 39/128 |
| Scan Angles | Tilt:360°, Pitch:±45°, Skew:±60° |
| Laser Safety Grade | Class II |

NFC

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|------------------|--|
| Frequency | 13.56 MHz |
| Reading Distance | Within 2cm |
| Protoco | ISO14443A/ISO14443B |
| Special Feature | Support contactless CPU card, support 2 generation ID card read |

Input / Output Ports

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|--------------|-----------------------------------|
| USB Port | 1 PCS, Type-C USB waterproof port |
| Charger Port | 1 PCS, Type-C USB waterproof port |
| OTG | Support |

Accessories

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|----------|---|
| Standard | Power adapter, USB cable, tempered glass screen protector |
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