

W6100-M

Portable IP65 Android Handheld Reader



166×79×31±2mm
(不包括盾牌手柄)

W6100-M is a compact and high-performance portable Android handheld computer, using Helio P60 octa-core CPU (Cortex-A73+ Cortex-A53), clocked at 2.0GHz, ARM architecture, equipped with Android 10.0 system and large memory combination, using 5.5 inch IPS high-brightness 18:9 display, Corning Gorilla third-generation tempered glass. AI smart camera + 500W front pixel camera + 1300W rear pixel camera. Support 4G full Netcom, GPS, WIFI, Bluetooth, UHF RFID, 1D&2D barcode scanning. Using ThingMagics' feature-rich and stable M6e-Micro UHF RFID module and Honeywell laser scanning module, RFID and fuselage separate design, IP65 protection level, widely used in industry, power inspection, warehousing and

Features and advantages:

- Operating system: Android 10.0
- P60 octa-core CPU/2.0GHz /ROM16GB/RAM 2GB
- 4G/GPS/BT/ USB/WIFI (2.4G/5G Dual Frequency)
- 5.5 inch 18:9 IPS HD screen (720x1440)
- ThingMagic technology
- Thingmagic Mercury API
- Global frequency coverage
- Read up to 750 tags per second
- Read and write (transceiver) separate control
- Operating temperature: -20° C to +60° C
- Storage temperature -40° C to +85° C
- Humidity: 5% to 95% (non-condensing)
- Protection level: IP 65
- Development language support: Java

Basic parameters	
Touch screen	Corning Gorilla 3rd Generation Industrial Grade Multi-touch Capacitive Screen
Display	5.5 inch IPS HD screen (720*1440)
Expansion slot	1 Sim card slot (MUP-C785) 1 TF card slot, 1 PSAM card slot (MUP-C785)
Communication Interface	1 Type-c interface
Keyboard	Scan key, function key
GPS	GPS/Beidou navigation optional, the error range is ±5m
Performance parameters	
CPU	MT6771 octa-core 64-bit processor, four-core A73 + four small-core A53, main frequency 2.0GHz
Memory Capacity	RAM: 2GB ROM: 16GB (standard), RAM: 4GB ROM: 64GB (optional)
Expanded memory	Support 256GB Micro T card
Data communication	
WIFI	2.4G/5G dual-band, compliant with IEEE802.11a/b/g/n/ac, support Wifi roaming function (seamless switching)
Bluetooth	Compliant with Bluetooth 4.2
4G	TD-LTEBand38/39/40/41FDD-LTEBand1,2,3,4,7,17,20
Battery performance	
Battery capacity	900mAh polymer lithium battery, voltage 3.8V
Operating hours	More than 14 hours (one full charge)
Camera (optional)	
Front camera	Front 500W pixel camera
Rear camera	Rear 1300W/2000W pixel camera optional, with flash, auto focus
QR code	
2D scan engine	Zebra SE4710/Zebra SE2100/Other
Support 2D barcode type	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QRcode, MicroQRcode, Aztec, MaxiCode, PostalCodes, USPostNet, USPlane t, UKPostal, AustralianPostal, JapanPostal, DutchPostal 等
RFID standard	
RFID module	ThingMagic-Micro
Support frequency	FCC 902-928 MHz / ETSI 865.6-867.6 MHz / TRAI 865-867 MHz / KCC 917-920.8 MHz / ACMA 920-926 MHz /SRRC-MII (P.R. China) 920-925 MHz / MIC 916.8-923.4 MHz/ 'Open' (Customizable channel plan; 865-869, 902-928 MHz)
Supporting agreement	ISO18000-6C (EPC Class1 Gen 2)/ISO18000-6B/IP-X/Gen2v2/AEI ATA (ISO18000-6B/IP-X/AEI ATA, need to purchase license)
RF power	Read-write (transceiver) separate mode, adjustable from -5dBm to 30dBm (2W~5.5W) +/-1dBm
Recognition performance	Batch reading > 750 tags/s; single tag identification distance > 8 meters (related to tags)
RFID option	
Support frequency	13.56MHz
Supporting agreement	For ISO15693, ISO14443 dual protocol
High frequency (CPU card)	Supports reading and writing of CPU card and use with PSAM

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