



unimes
— 优尼麦斯 —

UK35

Ingenious design, Shocking products Cold chain/logistics warehousing dedicated

Extremely smooth, deep optimization

Leading octa-core processor clocked at up to 2.0GHz, bid farewell to the lag
Android 8.1 mainstream operating system, deep optimization, simple to operate
and easier to develop

Removable 5200mAh super-capacity battery, Using 18650 industrial dual
battery-cell, continuous normal operation for more than 10 hours, with fast
charging Technology, support expansion such as docking station, stable
performance, and refuse to worry about battery life

Accurate and fast scanning, all-round data processing

Equipped with a first-class scanning engine, supports international 1D/2D
barcodes, stable decoding, and strong speed

Designed for cold chain application scenarios, easily cope with high-intensity
scanning work, support NFC, with short-distance card reading ability
Front Camera 5MP FF, Rear Camera 13 MP AF (optional 16 MP), equipped with
LED Flash, easy to collect all kinds of clear images

Worry-free application in -30°C working environment

Created for low temperature working environment, It can easily withstand
workplace temperature as high as 60°C and is low as -40°C

IP65 protection level, no fear of water and dust invasion

Physical button design to meet complex application scenarios, side button for
easy triggering, 30° angle scanning engine, practical and comfortable



System Configuration

CPU	Octa-core 2.0 GHz
Operating System	Android 8.1
Memory	16GB + 2GB
Expansion Slot	Micro SD (TF) card slot up to 128GB
Display	3.5 inch, IPS highlight screen 640*960
Touch Panel	5-point capacitive touch screen
Camera	Front Camera 5MP FF, Rear camera 13MP AF, High brightness LED flash
Keypad	35 buttons, 2 volume buttons, 1 power button, 2 function buttons
Battery	3.7V 5200 mAh
Charging	PE fast charging, full charged time<4 hours
Audio	Front dual stereo speakers, Volume 90db ± 3db (test distance 10cm)
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor
Sensor	Gsensor, Ambient light sensor, Proximity Sensor, COMPASS

Structural Parameters

Dimensions (LxWxD)	185 mm x 70 mm x 32 mm
Weight	300g

Communication Transmission

WWLAN	FDD-LTE B1/B3/B5/B7/B8 TDD-LTE B38/B39/B40/B41 TDSCDMA B34/B39 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8 CDMA1x/CDMA2000 BC0/BC1
Wireless LAN	IEEE 802.11 a/b/g/n 2.4G 5G dual frequency
Bluetooth	Bluetooth 4.1 BLE
GPS	GPS+BD+GLONASS

Environmental Specifications

Operation Temp.	-40°C ~ 55°C
Storage Temp.	-40°C ~ 70°C
Humidity	5% ~ 95%
Drop	6 sides multiple drop, 1 meters to the concrete
Protection level	IP65
ESD	±15 kV air discharge, ±8 kV contact discharge

Barcode Scanning

Scan Engine	CM60
Code Support	EAN13, EAN8, UPCA, UPCE, Code 128, Code 39, Codabar, UCC/EAN128, RSS,ITF, ITF14, ITF6, ISSN, ISBN, Standard 25, Matrix 25,Industrial 25,Plessey, MSI Plessey, Code 11, Code 93, PDF417, QR Code, DataMatrix, AZTEC, Hanxin Code, Maxicode, Micro QR, Micro PDF417, Composite

NFC

Frequency	13.56 MHz
Reading Distance	0-5cm
Protocol	ISO14443 A/B, ISO15693

Input/Output interface

USB interface	USB-Type C
SIM Card Port	Dual Mirco-SIM card slots
Charging Port	Charging and bottom USB connector Support cradle extension
OTG	Support

Accessories

Standard	Charger, USB cable, Battery, Lanyard
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Main application areas:



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