



unimes
— 优尼麦斯 —

T Series

Extremely thin and high performance

Next-generation large-screen PDA flagship

5.5-inch full screen, ultra-high screen ratio

18:9 design screen ratio, ergonomically slim body, designed for handheld mobile project scenes

Support multi-task split-screen operation

1440*720 resolution, the touch screen is equipped with an industrial-grade ultra-sensitive capacitive screen, which supports touch with gloves, wet and dry hands.

Powerful data collection function

The decoding speed is 50% higher than similar products, and it can decode up to 1200 times per minute. The unique lighting patent technology does not flicker and the light source is not glare

Lower power consumption, 40% lower than the average power consumption of similar products

Support 1D/2D barcode, NFC, GPS, camera, fingerprint and other collection methods, easily identify various abnormal barcodes such as bending, high density, stains, and reflections

The most leading PDA in Android platform

The ultimate octa-core 2.0Ghz processor, with a large 5000 mAh battery, to achieve the perfect combination of performance and battery life

The industry's highest IP68 protection level, 1.5 meters drop resistance, reliable and durable

Six-module satellite positioning system, covering all regions of the world

230g ultra-light weight, making work easier than ever



System Configuration

CPU	Octa-core 2.0 GHz
Operating System	Android 10.0
Memory	16GB + 2GB (optional 128GB+6GB/64GB+4GB/32GB+3GB)
Expansion Slot	Micro SD card, up to 256 GB
Display	5.5 inch, 1440*720 high resolution, 18:9
Touch Panel	Industrial-grade capacitive panel (supporting operation with gloves)
Camera	8MP autofocus camera in the back side (13 MP optional), 5MP autofocus camera in the front side, supporting PDAF
Exit Window	Corning Gorilla glass
Keypad	2 side keys, Power key, total 3 keys
Battery	3.8V 5000mAh rechargeable lithium polymer battery
Charging	Supporting Type-C cable charging
Audio	Built-in microphone
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor
Sensor	G-Sensor, proximity sensor, Light sensor
Intercom function	(Optional) Support one-touch PTT call

Structural Parameters

Dimensions (LxWxD)	157mmx74mmx13.6mm
Weight	230g (battery included)

Communication Transmission

Wireless WAN (Network frequency)	2G: B2/B3/B5/B8 3G: WCDMA: B1/B5/B8 CDMA: BC0 TD-SCDMA: B34/B39 4G: FDD-LTE: B1/B3/B5/B7/B8/B20 TDD-LTE: B34/B38/B39/B40/B4
Wireless WAN (Data service)	GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+/EVDO/WCDMA/TD-SCDMA/TDD-LTE/FDD-LTE
Wireless LAN	Wi-Fi 802.11a/b/g/n/r/ac Wi-Fi 5G PA (Dual-band Wi-Fi: 2.4G+5G)
Bluetooth	Bluetooth 5.0LE
GPS	GPS/AGPS/BEIDOU/GALILEO/GLONASS/QZSS

Operating Environment

Development Tools	Android SDK+JDK+Eclipse
Program Language	Java
Operating Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temp.	-40°C ~ 60°C (-40°F ~ 140°F)
Relative Humidity	0 ~ 95% (non-condensing)
Sealing	IP68
ESD	Conforms to ±15 kV air discharge, ±8 kV direct discharge

1D Laser Scanner

Scan Precision	5mil
Rotate Angle	±35°
Pitch Angle	±65°
Skew Tolerance	±50°
Ambient Light	Sunlight: 10,000ft. Candles (107,640Lux) Artificial: 450ft. Candles (4,844Lux)
Scan Frequency	104±12 times/second
Laser Safety Grade	Class II

1D / 2D Area Imager

Scan Precision	3mil c39/128
Pitch Angle	±45°
Skew Tolerance	±65°
Scan Frequency	1 scan/ 50ms
Laser Safety Grade	Class II
Image Resolution	844(H)×640(V)
Image Frame	60fps
Light Source System	White light, laser aiming
Mini. Print Contrast	20%
Code Support:	Aztec Code, Codabar, Codablock F, Code 11, Code 128, Code 2 of 5, Code 39, Code 93, Data Matrix, EAN/JAN-13, EAN/JAN 8, EAN-UCC Composite Codes, EAN-UCC Emulation, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MaxiCode, MicroPDF417, MSI, PDF417, Postal Codes (Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet), Plessey Code, PosiCode, QR Code, RSS Expanded, RSS Limited, RSS-14, TCIFLinked Code 39, Telepen, Trioptic Code, UPC-A, UPC-E etc.

NFC

Frequency	13.56 MHz
Reading Distance	Within 30mm
Protocol	ISO14443A/14443B/15693

Input/Output Ports

UUSB Port	1(Type-C USB port), support Type-C headphone
Charger Port	1(Back charging interface)
OTG	Support

Accessories

Standard	USB Cable, Hand Strap, Power adapter
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Main application areas:



Logistic



Retail



Warehousing



Public



HealthCare



Manufacturing



4G

Wi-Fi



NFC

