



UNIMOB Pro

Connectivity, security, and performance combined.

The Ultimate Experience

The UNIMOB Pro is a highly expandable rugged handheld computer with a large screen. Powered by a Qualcomm octa-core processor and features a 10.1-inch high-definition display, fingerprint identification, NFC, and Bluetooth keyboard.

UNIMOB Pro application includes Identity Verification, Healthcare, Security Checks, Time Attendance, and Financial Management. 2048 levels of pressure, making it easier to click to view, annotate, and deploy electronic signatures to digital documents.

OVERVIEW

- The 10.1-inch IPS touch screen provides better viewing and a larger on-screen keyboard for easy typing.
- Magnetic Joy Pen with No Delay, Perfect Accuracy and Sensitivity.
- Secure Reading of Multiple Authentication Information.
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- 13.0 MP + 5.0MP Dual Camera.
- Face Biometric Authentication.

TECHNICAL SPECIFICATIONS

Product Parameter

System

CPU: Octa-core 64-bit Upto 2.2G | Operating System: Android 9.x (Optional)
RAM+ROM: 3GB + 32GB 4GB + 64GB (optional) | Expansion: MicroSD, Supports a maximum of 128GB

Capacitance Screen (optional)

Size: 10.1" | Screen type: IPS LCD | Resolution ratio: 1280*800 | Luminance: ≥250cd/m²
Color quality: 24-bit true color | Contrast ratio: 800:1 | Visual angle: Horizontal≥160°, Vertical≥160°
Touch screen: Capacitive electromagnetic dual control screen | Touch way: 10-point capacitive touch
Touch screen technology: G+G | Light transmittance: ≥85% | Surface hardness: ≥6H
Click capability: 1 million times | Sensing method: Electromagnetic induction
Electromagnetic resolution: 2048LPI | Coordinate precision: Central region:0.5mm, edge area:±2mm
Sensor Height: 5mm-15mm | Electromagnetic pen without failure click times: >1million times
Electronic signature pressure sensation: >2048 | Maximum read rate: ≥220point/second
Maximum pen holding Angle: ±45° (Angle between stylus and screen normal)

Electromagnetic Pen (optional)

Passive electromagnetic pen: Support magnetic suction, with a lanyard hole

Camera

Binocular imaging

Camera: 1300W (WDR) Support document shooting | Sensor type: 1/3.06" CMOS
Effective pixel @ frame rate: 4160X3120@10fps | SNR: TBD | DR: TBD | Minimum illumination: ≥0.1lux
Lens angle: 80° | Focus: Autofocus | Output format: MJPG/YUY2

Camera: 200W (B/W) | Sensor type: 1/5" CMOS | Effective pixel @ frame rate: 1600X1200@30fps
SNR: TBD | DR: TBD | Minimum illumination: ≥0.01lux | Lens angle: 76° | Focus: fixed-focus

Monocular Imaging

Camera: 500W | Sensor type: 1/4" CMOS | Effective pixel @ frame rate: 2592*1944@ 30fps
SNR: TBD | DR: TBD | Minimum illumination: ≥0.1lux | Output format: MJPG/YUY2
Focus: Autofocus | Lens angle: 84°

NFC

ISO14443A/B | Reading distance: 0-30mm | Reading card response speed: <1s
Working frequency: 13.56MHz±7kHz | Card read/write rate: 106 Kbps

Fingerprint module

Sensor type: Capacitance Press | Sensor size: 23.0*35.0mm | Effective image size: 12.8 *18.0mm
Image size: 256*360pixel | Image resolution: ≥500dpi
Matching method: 1:1/1:N | Matching time: <0.1 second (1:1) <0.5 second (1 : 50)
(FAR): ≤0.001% (FRR): ≤0.1%

Voice module

Speaker: Support, 1.2W
Microphone: Support

The clock function

Built-in chip: Button battery ensures the accuracy of system time

Volume

Key Switch: Support adjustment

On-off

Key Switch: Support system on/off

Communication mode

USB Connection: Support, TypeC
WiFi/BT Module: Compatible IEEE 802.11 a/b/g/n/ac ; Support 2.4GHz/5.0GHz double frequency ; Support BT5.0 ;
4G Module (optional): Support

Card slot

SIM card slot: Two, support dual SIM card configuration, one SIM card and TF card can only be selected
TF card slot: One

Port

Power port: One
USB HOST port: One, Type C

Battery

Rechargeable lithium-ion batteries: 3.7V/6900mAh

Power Specification

Input: AC 100-240V/50-60Hz
Output: Support PD 3.0

Size

L*H*W: 262*185**17mm

Weight

Net weight: 0.835kg

KEY FEATURES



10.1-Inch
LCD display



Qualcomm
Octa-core, 2.2 Ghz



3GB RAM
32GB ROM



Fingerprint
Recognition



13.0MP+5.0MP
Camera



NFC



Signature Pen



6900mAh
Battery

