



CM550X

Rugged Android Printable Handheld Terminal

Thermal Printing

Dual cards dual standby
4G communication

Fingerprint identification

Octa-core CPU

CM550X is integrated with NFC, Wi-Fi, GPS+DPS, thermal printer, PSAM Encryption protocol, and it also takes 1D/2D barcode scanner, UHF RFID, fingerprint identification and power infrared as optional modules. At the same time, CM550X supports the simultaneous configuration of both barcode scanning and UHF RFID scanning, which fully shows high-integration of handheld terminals.

Multi-industrial applications

Support for portable data collection in meter reading, government & public affair, assets management, manufacturing, ticketing, traceability, healthcare, logistics, retail, O2O payment areas and so on.



All in one

CM550X integrates barcode scanning, image collection, thermal printing, fingerprint recognition functions all in one, effectively meeting diversified operating needs of customers. It is the most reliable mobile handheld device for informationized enterprises.

Fingerprint identification

CM550X is able to meet different fingerprints demands of clients including normal fingerprint identification and USA FBI identification module.

Freely extended function of IoT

CILICO offers SDK redevelopment of barcode scanning and RFID. You can take advantage of any assorted applications the Android platform to develop application programs. And you can get a real-time response from professional team of CILICO during developing.

HD LCD screen

With 5 inch HD LCD screen, the resolution is able to reach 1280*720. When operating, the clear screen brings the stunning visual experience to customers.

Large capacity lithium battery

Meanwhile, it is equipped with 4000mAh high quality battery, which ensures 8-hour continuous working. The double-row power supplier design is able to meet high demands of power when scanning and printing.

High speed Wi-Fi, smooth connection

Wi-Fi supports dual frequency seamless roaming with supreme communication performance. It could ensure the internet connection and quick data transmission under complicated working environment, such as warehouse and production line and so on.



CM550X Technical Parameters

Basic Parameters

Type	Rugged Android Printable Handheld Terminal
CPU	Octa core. 2.5GHz
Storage	2GB LPDDR3 RAM+16GB EMMC ROM
OS	Android 7.1
Color	Black
Screen	5" high-resolution, 1280*720 DPI, 5 points-touch screen; Corning Gorilla Glass;
Fingerprint sensor	TCS 1
Printing	2" 384 thermal print head, print speed: 20mm/s
Communication	Asia&EU: GSM: B2/B3/B5/B8, WCDMA: B1/B2/B5/B8, CDMA: BC0, TD-CDMA: B34/B39 LTE-TDD: B38/B39/B40/B41, LTE-FDD: B2/B3/B5/B8 America: GSM: B2/B3/B5/B8, WCDMA: B1/B2/B4/B5, CDMA: BC0, LTE-TDD: B40/B41, LTE-FDD: B1/B2/B4/B5/B7/28A/28B
GPS	(Built-in) GPS/BDS/GLONASS
Interface	Type C, support OTG
Slots	1 TF card slot (Micro SD card), 128G; 2 SIM card slots and 2PSAM card slots;
Bluetooth	Bluetooth 4.2, support BLE
Audio	Built-in speaker, MIC, handset, 3.5mm headphone jack
Wi-Fi	Support 802.11a/b/g/n/ac mode, support 2.4GHz+5GHz seamless roaming
Camera	8.0 Mega Pixel rear camera; 2.0 Mega Pixel front camera; Auto focus; with LED light
Battery	Li-Polymer 4000mAh
Standby	≥ 100h
Duration	≥ 8h (full function)

IoT functions (RFID, Barcode)

IOT barcode	1D Laser barcode Scanner, 2D barcode Scanner
1D Barcode	UPC/EAN, Bookland EAN, UCC Coupon Code, ISSN EAN, Code 128, GS1-128, ISBT128, Code39, Trioptic Code39, Code32, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI, Chinese 2 of 5, Korean 3 of 5, Matrix 2 of 5, Inverse 1D, GS 1 DataBar, Composite Codes. etc
2D Barcode	PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse, Maxicode, QR Code, MicroQR, QR Inverse, Aztec, Aztec Inverse, Han Xin, Han Xin Inverse, etc.
RFID	* Fully support NFC, 14443A/B, 15693 Protocol, Reading Distance 2cm~5cm, reading position, battery cover. * Support UHF RFID (CN: 920MHz-925MHz; US: 902MHz-928MHz; EU: 865MHz-868MHz), EPC C1/G2, ISO 18000-6C Protocol

Working Environment

Operation Temperature	-20°C~55°C (thermal printer 0°C~40°C)
Storage Temperature	-40°C~70°C
Humidity	5-95% (non-condensing) (thermal printer 20°C~85°C)

Product Features

Gravity Sensor	Support	Light Sensor	Support	Distance Sensor	Support	Handset	Support
MIC	Support	Gyroscope	Support				

Type	Optional	Standard Accessories
CM550X	• 1D Laser barcode scanner	4000mAh Battery x1, USB cable x1, Power Adapter x1 (US, EU, UK standard optional), User Guide x1, NFC test card x1, Charging Cradle (Optional)
	• 2D barcode scanner	
	• UHF RFID	
	• Power Infrared	
	• Fingerprint Identification	

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