

MC405 Mobile Handheld Computer V1.3



广州优库电子有限公司

Technical Specification

Performance	
CPU	MTK6765, Octa-Core 2.3GHz 4 x Arm Cortex-A53 up to 2.3Ghz, 4 x Arm Cortex-A53 up to 1.8Ghz
OS	Android 11(GMS)
Application	Scan app and adaptive third party applications
Storage	RAM 4GB , 1 x LPDDR3@933MHz/2 x LDDP4x@1600MHz ROM 64GB
Expansion Slot	1 Slot for TF Card
Basic	
Dimension	168*66*18.5mm
Net Weight	265g (with battery)
Color	Black
Display Screen	4-inch TFT (IPS)
Resolution	WVGA, 480×800
Touch Panel	G+FF Multi-touch panel, gloves and wet hands supported
Main Battery	Detachable 5000mAh (4.4V) Detachable Lithium Polymer Battery
RTC Battery	Support
Charging Current	5V~2A
Cover Lamination	Full Lamination (Reinforced Glass Cover)

Material	Single color high strength engineering plastic
Charging Time	4.5 Hours (10W Charger) 3 Hours (15W Charger)
Audio	MIC (with optional AI noise reduction) 2W high-power speaker Earpiece
Interface	USB 2.0
IO	TYPE-C (USB 2.0 Device, OTG) 2PIN Charging (5V~2A)
Keys	Power Key Scan Keys * 3 Fn Key Function Keys * 2 Arrow Keys * 4
Sensor	Proximity sensor, Accelerometer
Barcode Scanner	1D/2D Barcode Scanner
Card Slot	Nano-SIM x 2 or Nano-SIM + Micro SD
Information Indicator	Three-color LED light: Slow blinking for low battery, red when charging, green when fully charged; green for successful code scanning, red for
Card Mode	Supports dual SIM dual standby (DSDS) and primary/secondary SIM card switching
Vo-LTE	VoLTE、ViLTE、VoWiFi
Communication	

WWAN	Net work Type: 2G 3G 4G GSM: 850/900/1800/1900 WCDMA: B1/2/4/5/8 LTE: B1/2/3/4/5/7/8/20/28a&b/34/38/39/40/41
WLAN	WiFi5, Dual-band (2.4/5GHz) WiFi Roaming 1 stream 802.11ac/a/b/g/n IEEE 802.11d/e/h/i/j/k/r/v compliant 802.11w protected managed frames Security: WFA WPA WPA3/2 personal, AES-CCMP, WPI-SMS4, GCMP, WPS2.0, WAPI (hardware)
Location	L1 GPS/Beidou/Galileo/GLONASS/AGPS (Built-in antenn)
NFC	ISO18092, ISO14443 A/B, and ISO15693 protocols Mifare compliance Capable of reading second-generation ID card information Supports ID card frequency offset read/write mode, card emulation mode, and peer-to-peer mode
Bluetooth	BLE 5.1、3.0+HS、2.1+EDR
User Environment	
Operating Temperature	-20°C~55°C
Storage Temperature	-40°C~70°C
Humidity	5%~95%RH Non-condensing
Drop	Withstand multiple drops from 1.2 meters to concrete.

IP Level	IP67
ESD	Air Discharge $\pm 12\text{kV}$, Direct Discharge $\pm 8\text{kV}$
Barcode Scanner	
Resolution	1280*800
Coms Sensor	Global Shutter
FOV	H: 39.5° V: 26.1°
Scan Angle	tilt: $\pm 180^\circ$, pitch: $\pm 60^\circ$, skew: $\pm 60^\circ$
Symbologies	1D: Code39, Code93, Code128, CodaBar, EAN-8/13, ITF25, UPCE, UPCA, ISBN13, PDF417, MAT25, MSI, Code11, IND25, CHINAPOST, PHARMA, GS1 etc. 2D: Datamatrix, QR, microQR, AZTEC, HANXIN, POST etc.
Package and accessories	
Standard Accessories	5V 2A Power Adapter*1; TypeC Cable *1;
Optional Accessories	PD+18W Quicker Charger; Hand Strap; Single-device Charging Cradle

Dimensions and weight may vary depending on configuration and manufacturing processes.

The accuracy of the above technical specifications is as of the product release date, and all rights are reserved.

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