

MC405 Technical Specification



MC-405 Handheld Mobile Data Terminal

* **Advanced Processing Power:** Equipped with a MTK6765 Octa-core 2.3GHz CPU, the MC405 delivers exceptional performance and speed. Handle complex tasks and multitask effortlessly with this high-performance processor.

* **Cutting-edge Scanning Technology:** The MC405 features the Honeywell HS-7 Megapixel scan engine, ensuring rapid and precise barcode scanning. This technology is designed to enhance data accuracy and streamline operations, whether you're in a warehouse, retail store, or healthcare facility. * **Modern Operating System:** Running on Android 11, the MC405 offers a secure and user-friendly interface, supporting a wide range of applications and providing a robust environment for productivity.

* **Built for Tough Environments:** Designed to withstand the rigors of demanding work environments, the MC405 is rugged and reliable. It's built to handle drops, spills, and other challenges commonly faced in warehousing and logistics settings.



Technical Specification

Basic Information		
CPU		MTK6765, Octa-core 12nm
OS		Android 11(GMS)
Scanner Application		Scan app and adaptive third party applications
IP Level		IP67
Drop		Multiple 1.5 Meters drops to the concrete across the operating temperature range
Operating Temperature		-20°C~55°C
Storage Temperature		-40°C~70°C
Humidity		5%~95%RH Non-condensing
Appearance		
Dimension		168*66*18.5mm
Weight		265g (with battery)
Color		Black (original color injection molding), scratch-resistant sunburst surface
Material		Single color high strength engineering plastic
Buttons		PTT Key SCAN Key*2 Power Key Main Keys (23 Crystal keys with backlit)
WWAN		
Network		4G LTE
2/3/4G	Band	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
	CA	Not Supported
	MIMO	Not Supported



	LTE Cat/Max Speed	DL : Cat4 150Mbps (DL 256QAM) UL : Cat4 50Mbps (UL 64QAM)
5G	Band	Not Supported
	NSA	Not Supported
	SA	Not Supported
	MIMO	Not Supported
	SRS	Not Supported
	HPUE	Not Supported
	EN_DC	Not Supported
	CA	Not Supported
Card Mode	Dual Card Requirements	Support, L+L (Dual Card) L+L、L+C、L+W、L+G
	Primary and secondary card switching	Support
Voice communication standard		VoLTE、ViLTE、VoWiFi
Card Slot		
SIM Card Slot		1 slot for NanoSIM, 1 slot for NanoSIM or TF, Not Supported hot swapping
eSIM		Not Supported
Storage		
RAM		4GB
ROM		64GB
Expansion Slot		1 slot for TF Card
Display Screen		
Screen		4 Inch TFT (IPS) typ.450cd/m ²
Resolution		WVGA, 480×800
Touch Panel		G+FF Multi-touch panel, gloves and wet hands supported
Cover Lamination		Full Lamination (Reinforced Glass Cover)
Camera		
Front Camera		Optional(FF, 800W)
Rear Camera		1300W PDAF, F2.2



Secondary Camera	Not Supported
Flash Light	Support Maximum 1A current, support flashlight function
Sensors	
Standard	Light Distance Sensor, Gravity Acceleration Sensor
Fingerprint Module	Not Supported
Optional	Geomagnetic sensors, gyro sensors
IO Interface	
USB	TYPE-C (USB 2.0 Device, OTG)
3.5mm Earphone	Shared USB port
Charging Cradle	Support
Audio	
MIC	Support
Noise Reduction	Support AI noise reduction
Audio PA Type	Class K High Power
Speakers	105dB high power speakers
Motor	Support
Headphone	Support
Wireless Function	
Positioning	Built-in antenna L1 GPS/Beidou/Galileo/GLONASS AGPS
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) WFA、Wi-Fi display、Wi-Fi HotSpot 2.0、
Bluetooth	BLE 5.1、3.0+HS、2.1+EDR



NFC		None
FM		Support
None-contact Charging		Not Supported
Supplementary function		
Indicator Light		Three-color LED light: low battery: slow strobe, charging: red, full battery: green; code scanning success: green, code scanning failure: red; Bluetooth and other prompt information: blue;
Strobe Light		Not Supported
Sub-Screen		Not Supported
Battery		
Battery Type		5000mAh (4.4V) Detachable Lithium Polymer Battery
Charging Current		5V 2A
Standby		TBD
Expected Operating Hours		13.5 Hours (Approx. 9.5 hours at maximum LCD brightness and volume.)
RTC Battery		On-board button cell battery,
Hot start power backup		Not Supported
Barcode Scanner and other functions		
Barcode Scanner	Spec	Megapixel, Cross Laser Aiming Light. White Illumination LED.
	Model	Honeywell N6703
Independent Beidou Positioning		Not Supported
WiFi6		Not Supported
Package and Accessory		
Standard Accessories		Adapter: Input 100~240V, Output 5V 2A, 3C certificated, medium gauge, black (≤4.5h full) Data cable: TypeA-TypeC cable, current 2A, USB2.0, 1m, black color Handy hand strap
Packaging Materials		Logo nameplate, cover protective film.
Box Type		Pit box + sleeve, folded instructions, protective bag.
Optional Accessories		Charging Cradle, PE+ 15W Fast Charger(2.5-3 Hours for fully charged), Hand Strap.