MCA Series
MCA0522

MACTRON
GROUP

MCA0522 with abundant functions is an Android rugged mobile computer.

- 5.2" IPS 1080P Screen
- Android GMS Certified
- 4G/Dual-band WIFI
- 5000mAh Powerful Battery
- IP65/IP67 Sealing
- 1.8m Drop Proof

| Vending Machine | Fitness Club | Restaurant Ordering | Gaming Lottery | Interactive Kiosk |

Specification

MCA0522

Display

Display Type	5.2" IPS FHD
Resolution	1920 x 1080
Touch panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported

Main System

OS Support	Android 6.0
CPU	Cortex-A53 Quad-core 1.45GHz
Memory	2GB
Storage	16GB, Supports up to 128 GB Micro SD card
Communication	WLAN: IEEE802.11 a/b/g/n, 2.4G/5G dual-band, internal antenna
	2G/3G/4G
	Bluetooth 4.0, BLE
	GPS

Physical

Expansion Slot	1 x SIM card, 1 x SIM or TF card, 3 choice 2
Interfaces	USB 2.0 Type-C, OTG
Audio	Speaker, 2 microphones
Keypad	4 front keys, 1 power key, 2 scan keys, 1 multifunctional key
Sensors	Gravity sensor, light sensor, proximity sensor, vibration motor
Camera	Rear: 13MP Autofocus with flash
	Front: 5MP camera
Battery	Li-ion, rechargeable, built-in 5000mAh
Operating Temp.	-20°C to 50°C (-4°F to 122°F)
Storage Temp.	-40°C to 70°C (-40°F to 158°F)
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 1.8m/5.9ft drops (at least 20 times) to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5m/1.6ft falls at room temperature
Sealing	IP65/IP67 per IEC sealing specifications
ESD	±15KV air discharge, ±6KV conductive discharge
Dimensions	164.2mm x 78.8mm x 17mm
Weight	288g
Data Collection	1D/2D Scanner, NFC, optional: Iris, HF, UHF, InfraRed, Fingerprint, PSAM

Overview

Overview

Cradle

Holster

Charging cradle adopts magnetic connect

Charging Rack

MACTRON

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