

MBA5-P31 V8



5000 mAh battery



RAM: 3GB + ROM: 32GB



IP65
40°C ~+70°C
5% RH ~95%RH non condensing
Multiple 1.5m



RFID HF/NFC



Keyboard emulation for 2D (HID)

V2.1
Non-contractual datasheet

MBA5-P31 V8

General specifications

Operating System	Android 8.1
CPU	Cortex-A53 Octa-core 2.5GHz
Memory	RAM: 3Gb ROM: 32Gb
Extended storage	Supports up to 128Gb Micro SD card
Dimensions	164.2*78.8*17.5mm/6.46*3.10*0.69in
Weight	<321g/11.32oz
Display	5.2" IPS FHD 1920x1080
Battery	Main battery: Li-ion, rechargeable, 5000mAh Standby: over 350 hours Continuous use: over 12 hours (depending on user environment) Charging time: 3-4 hours (with standard adaptor and USB cable)
I/O Ports	1 Type C USB 1 slot for SIM card, 1 slot for SIM or TF card
Keys	4 front buttons, 1 side button, 2 scan keys, 1 multifunctional key
Camera	13MP Autofocus with flash
Other - general	Audio: speaker, 2 microphones Sensors: gravity sensor, light Sensor, proximity Sensor, vibration motor

Wireless communication

Wifi	Dual Wifi 2,4 + 5GHz IEEE802.11 a/b/g/n, 2.4G/5G dual-band, internal antenna
Bluetooth	Bluetooth 4.0, BLE
3G / 4G	3G / 4G
GPS	GPS/AGPS, GLONASS, BeiDou; internal antenna

User Environnement

Operating temperature	-20°C to +50°C
Storage temperature	-40°C to +70°C
Humidity	5% – 95% relative humidity, no condensation
Protection grade	IP65 Drop Specification Multiple 1.5m/4.9ft 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

Data collection

RFID

RFID High Frequency	NFC Only Frequency: 13,56MHz Protocol : ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
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Barcode 1D/2D

1D/2D Barcode Scanner	SE4710
1D Symbolologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbolologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US, PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIK, etc).

Accessories



Case + anti strangulation strap



Cradle

Associated products

Item name	Base	NFC	UHF	1D/2D
MBA5-P30	X	X		
MBA5-P33	X		X	X



MBA5-P30



MBA5-P33

V2.1

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