

■ Communication Performance

- | 4G LTE, Global band
- | 802.11ac/a/b/g/n
- | Bluetooth 5.0, low power, long distance perfect matching wireless printer

■ Industrial Protection

- | IP54 industrial protection
- | Optimized structure for battery to ensure slim form factor

■ Scanning Performance

- | New generation slim 2D imager scan engine
- | Support megapixel versions
- | Licensed Datalogic decoding technology

■ Unique Product Characteristics

- | Quad Core processor, long life cycle
- | New Android 10
- | Large battery capacity but refined power consumption, 3 hours charging time but 12 hours working duration, 22 days standby duration
- | Medical-grade temperature sensor chip, supreme accuracy
- | The RFID has superior reading performance and sensitivity, capable of reading with high accuracy and long distance label reading
- | Free to install Applock, Easy Deploy and other system management software for efficient management and deployment

M52 Supreme Slim PDA



Performance

M52 Specifications	
OS	Android 10
CPU	Quad Core, 1.8GHz, 12nm
MEMORY	1+8/2+16
SIM/eSIM	nano SIM
	eSIM(option version)
PC Communication	USB 2.0 OTG : Type-C; Support TYPE-C Headset
Charging Time	<3 hours(Room Temperature)
Operation Duration	12 hours
Data Collection	
Scan Engine	Mobydata E3200/E3250
NFC(2.0 version)	13.56MHz NFC
Temperature Measurement (specific version)	Melexis MLX9061 (Medical-grade)
	±0.2°C error
RFID(RFID version)	1m to 3m distance
	independent 2000mAh battery
Wireless Connectivity	
WLAN	802.11 ac/a/b/g/n
WWAN	TDD-LTE (B38/B39/B40/B41)
	FDD-LTE (B1/B3/B7/B8/B20)
	UMTS/HSDPA/HSPA/HSPA+ (900/2100 MHz)
	GSM/EDGE/GPRS (900/1800MHz)
WPAN	BT 5/BLE
GPS	GPS/A-GPS, GLONASS, Beidou, Galileo
Physical Specifications	
LCD	2.8 inch, QVGA,IPS
Touch	GFF Captive Touch, Dragontrail Glass
Camera(2.0 version)	Auto focus 8Mega, with flash LED
Keypad	0-9 Numeric Key, Mode Switch Key, Direction Key, Scan Key
	Left and right Scan Key, Power Key
Speaker	Min 90db at 10cm-1KHz Voice
MIC	Yes
Charging IO	USB type-C
	Charge pads
Battery	2700mAh, non-removable
	4500-4700mAh, non-removable, RFID version
Dimension	155mm x 58mm x 17mm
Weight	170g
LED	Yes
Vibrator	Yes
Handstrap	Yes
Environmental Specifications	
Operation Temperature	-20°C ~ +50°C
Storage Temperature	-30°C ~ +70°C
Humidity	10% ~ 90%
Drop	1.2m
Tumble	300hits, 0.5m, Steel
IP	IP54
ESD	±8kV Contact, ±15kV Air
Keypad lifecycle	300K
Accessories	
Rubber Boot	Yes
Charging Cradle	Support independent device or RFID charging
Handstrap	Nylon
Gift Box	
Device, QSG, Adapter, USB cable, Rubber Boot	

