

# MU80

## Android Smart POS



## Specifications

O.S.	Android 8.1
Processor	AP: Quad-core 1.3GHz SP: MAX32555
Memory	RAM: 1GB ROM: 8GB
Display	5.5" display, 1280×720
Button	PWR button, Vol+/- button
Network Connection	FDD-LTE, TDD-LTE, WCDMA, CDMA2000, CDMA 1x, GSM/EDGE/GPRS Bluetooth: BT 4.1+BR/EDR+BLE Wi-Fi: IEEE 802.11 a/b/g/n 2.4GHz/5GHz
Camera	Front 2MP FF (optional) Rear 5MP AF
Scanning	Rear camera decoding
Payment	Magnetic stripe card: Support magnetic 1/2/3 track card, bidirectional swipe, and meet the standards of ISO7811/7812/7813 IC Card: Meet the standard of ISO/IEC 7816 Contactless Card: Support Mifare, type A/B/C , Felica
Thermal Printer	Media type: Receipt paper Media roll size: 40mm Media width: 58mm printing paper Resolution: 203dpi (8dot/mm) Print speed: 50~70mm/s Supports 1D/2D bar code printing
Audio	Speaker(1W), Buzzer
Positioning	GPS, A-GPS, BEIDOU, GLONASS, Galileo
Slot	1xMicro SIM+2xSAM or 1xMicro SIM+1xSIM+1xSAM Micro SD/TFx1, up to 128 GB
Interface	1xMicro USB (data transferring and charging, USB OTG 2.0) Pogopin (5pin)
Notification LED	Contactless Notification LED, Blue/ Yellow/ Green/ Red Power LED
Battery	3.7V/ 5200mAh
Adaptor	Input: 100~240V AC 50~60Hz Output: 5V/1.5A
Environment	Operating: -10°C~50°C Storage: -40°C ~ 70°C Humidity: 5%RH ~ 95%RH (No condensation)
Physical	L x W x H (mm): 188 x 81 x 61 (35mm thinnest) Weight (g): 457g
Certification	PCI, EMV L1&L2, EMV Contactless L1, MasterCard Contactless, Visa PayWave etc.

## Data Capture Specifications

### 1) Camera

Rear Camera	
functions	Flash light, Auto-focus, Video
Pixels	5MP
Front Camera(optional)	
Pixels	2MP, Fix-focus

### 2) RFID(HF)

RFID	HF
Protocol	ISO15693 ISO14443: ISO14443Type A, ISO14443Type B MIFARE: Mifare S50, Mifare S70, Mifare UltraLight, Mifare Pro, Mifare Desfire FeliCa
Frequency	13.56MHz
Reading Distance	Read distance 0-6cm (ISO15693), 0-4cm (ISO14443A/B)

## Network Connections

### 1) Positioning

Positioning	Specification
Support mode	Support GPS, A-GPS, BeiDou, GLONASS, Galileo
Frequency	GPS (L1 1.575GHz C/A code), BeiDou ( B1 1.561GHz), GLONASS (L1 1.602GHz), Galileo (L1 1.575GHz)
Cold start time	Less than 40s
Max channel	31 channel
Sensitivity	-130dB(SNR value 40dBHz)
Accuracy	5-10m (Open site)

### 2) Wireless LAN

WLAN	Specification
Protocol	IEEE 802.11 a/b/g/n 2.4GHz/ 5GHz
Working channel	CH1~CH13, CH34-CH140, CH149-CH165, depends on country (region)
Security and Encryption	EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAP-GTC, PWD, SIM, AKA, WEP, WPA/WPA2-PSK, WAPI, WAPI-PSK
Fast roaming	Support 802.11r fast roaming

### 3) WAN

WAN	Specification
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Worldwide Radio Frequency Band	TDD-LTE(B34/B38/B39/B40/B41) FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B12/B17/B19/B20/B25/B26/B28A/B28B/B66) WCDMA(B1/B2/B4/B5/B8) CDMA2000 1x EV-D0 Rev.A BC0 (800MHz) CDMA 1x GSM/EDGE/GPRS(850/900/1800/1900)
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#### 4) Wireless PAN

	Specification
Mode	BT 4.1+BR/EDR+BLE
Range	More than 10 Meters

#### Optional Accessories

	Type
Accessory	stylus, thermosensitive paper ,Charging Cradle, Multi-Function Charging Cradle