

SUNMI P2 LITE



EMVCo

Qualcomm Snapdragon Quad-core CPU

5.0" HD IPS display

Support Omni-channel payments: magnetic stripe card, IC Card, NFC, QR code

Professional and accurately commodity 1D barcode scanner

Supports Wi-Fi, 4G Netcom, eSIM networking

Small size, lanyard hole, portable

Pass 1M drop test with double-shot molding

Qualcomm
snapdragonreddot design award
winner 2019

Scanning

Card
payment

Order taking

Coupon
verificationQR code
payment

Optional single stand charger

SUNMI P2 LITE

Technical specifications



IC Card Support

Support smart IC card
Complies with ISO7816/
EMV/PBOC 3.0 standards

PSAM Card Slot

1x PSAM Card slot
Complies with
ISO7816 standards

Sim Card Slot

1x SIM Card slot
Support 1.8V/3.0V

Mag Card Support

Support 1/2/3 track
Support Bi-direction
Complies with
ISO7810/7811 standards

NFC

NFC
PBOC 3.0/ISO/
ICE 14443 Type A&B
MIFARE Card, QPBOC

Secret Keyboard

Secret Keyboard
Virtual keyboard
Complies with ANSI X9.8/ISO9564
ANSI X9.9/ISO9571 secret key
management standards
Master Key/Session Key
Support 3DES, RSA, SHA-256
encryption algorithm

OS

Android 7.1
SUNMI OS

CPU

Qualcomm Snapdragon
Quad-core 1.4GHz

Memory

1GB RAM+8GB ROM
2GB RAM+16GB ROM

Display

5.0" HD
1280x720 IPS

Adaptor

Input: AC 100-240V
Output: 5V/1A

Wi-Fi

2.4GHz/5GHz
IEEE 802.11 a/b/g/n

Bluetooth

Bluetooth 2.1/3.0/4.2
Support BLE

Speaker

1W



Weight

Include battery: 256g



Key

Power button(lock screen button)
2x Function button
HOME button

Battery

Removable lithium
polymer battery
3.8V/3000mAh

Communication

2G: G3/B8
3G: WCDMA(B1/B8)
4G: B1/B3/B7/B20/B38/B40

Camera

5.0MP Flash, AF
support 1D/2D

Sensor

Standard gravity
sensor (G-sensor)

GPS

Support GPS
Support AGPS

Size

157.8*75*22.4mm



Port

1x Type-C USB
Support OTG

Environment

Operating temperature:
0°C ~ 40°C
Storage temperature:-
10°C ~ 50°C
Drop test height:
Pass 1M Drop Test

Optional



Scanner

Support 1D barcode scanner

Note:

1. Real memory will be reduced due to a number of factors, and there are differences. Operating system also occupy part of memory.
2. Actual product specifications when sold take precedence over what may be listed at this catalogue. Any changes may be made without prior notification











