

Smart Desktop Terminal

SUNMI D3 Family - D3 80MM New

Built for beginnings, ready for more.

Powered by
SUNMI OS

Compatible with
SUNMI DMP

 Google
Mobile
Services



- **Performance Beyond Its Class**

Genuine Octa-Core Processor, up to 2.2 GHz.
4GB RAM + 64GB ROM — Smooth at peak.
Native 6 TOPS AI computing power, paving the way for future AI applications.

- **Software Capabilities Beyond Its Class**

Built-in multi-layer security prevents fraud, theft and tampering — ensuring compliant software operation and secure business activity.
With SUNMI SDK interface, quick adaptation with various industry software is possible, significantly reducing deployment time and costs.

- **Design Beyond Its Class**

Industrial-grade IC — clearer and more durable.
Metallic-textured body design — showcasing a modern, tech-chic aesthetic.
Concealed Cable Design, streamlined wiring keeps your countertop clutter-free.
Exclusive SUNMI 3rd-Gen patterning sets your POS apart from the rest.

- **Built-in High-Speed Printer**

Equipped with an 80mm thermal printer delivering up to 250 mm/s print speed and a 150 km extended print lifespan.

Genuine octa-core architecture, class-defying performance

4xCortex-A72 + 4xCortex-A53



15.6" FHD Screen

Sharper visuals for crystal-clear details.



Built-in multi-layer security prevents fraud, theft and tampering



Android 14 + SUNMI OS 4.0

More stable system. Smoother performance.



SUNMI D3 80MM Applications



Chain Fast Food



Chain Convenience Stores



Individual Stores

SUNMI D3 80MM Tech Specs

Product Model

F154A/F154B/F154C

OS

SUNMI OS 4.0
(Based on Android 14)

CPU

Octa-core, up to 2.2GHz

Memory

4GB RAM+64GB ROM
Extended Micro SD Card Slot
Up to 1TB

Buttons

1*Power button
(With indicator blue light)
1*Download button (hidden)

Displays

Main:
15.6" IPS, FHD, 1920*1080 Pixels, IPS;
Capacitive Multi-touch Screen, Anti-fingerprint Coating

Secondary:
F154B: 10.1" HD, 1280*800 Pixels, IPS;
F154C: 15.6" FHD, 1920*1080 Pixels, IPS;
Capacitive Multi-touch Screen, Anti-fingerprint Coating

Ports

2*USB2.0 typeA 1*RJ11 Serial port 1*AudioJack
1*USB3.0 typeA 1*RJ12 cash drawer port 1*DC
1*USB2.0 type-C 1*RJ45 LAN port

Expand Ports:
2* USB 2.0 Micro USB
(Top & right side on the Secondary Display)

Wi-Fi

Wi-Fi 6
2.4GHz/5GHz
IEEE 802.11 a/b/g/n/ac/ax

Printer

High-speed thermal printer:
250mm/s
Paper roll width/diameter:
80mm/80mm
Can be able to convert to 58mm

GMS

Support
(Only F154B supported)

Camera

5MP FF Front Camera
(Only F154C supported)

Bluetooth

Bluetooth 5.4, Support BLE

Ethernet

1000M

NFC

Tap on screen
Support ISO/IEC 14443
TypeA/B , Mifare , Felica , ISO
15693 compliant
Support Host Card Emulation
(HCE)

Audio

1*3W Speaker
1*Microphone

Power Adapter

Input: 100~240V AC
Output: 24V/2.5A DC

Dimensions (L*W*H)

375*192*355 mm

Net Weight

F154A: 4.7kg
F154B: 5.3kg
F154C: 6.0kg

Gross Weight

F154A: 7.9kg
F154B: 8.5kg
F154C: 9.4kg

Environment

Operating Temperature:
0°C~40°C,
Storage Temperature:
-20°C~60°C
Operating Humidity:
5%-95% non-condensing

Certification

CCC, CB, FCC, CE, RoHS, GMS

Accessories (Optional)

58mm Paper width guide
Desktop Magstripe Card Reader
Monocular Camera
Binocular Camera