

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\*USB3.0 typeA  
1\*USB2.0 type-C

1\*RJ11 Serial port  
1\*RJ12 cash drawer port  
1\*RJ45 LAN port

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

1\*AudioJack  
1\*DC

### 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

\*This product description is based on the current information available at the time of launch. Due to product upgrades or other reasons, the content may change.

\*The company reserves the right to modify the product and content without prior notice.

\*Please refer to your local commercial contact for availability in different regions