

Smart Desktop Terminal

SUNMI D3 Family – D3 ^{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.

- **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.

- **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.

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 Applications



Chain Fast Food



Chain Convenience Stores



Individual Stores

SUNMI D3 Tech Specs

Product Model

F153A/F153B/F153C

OS

SUNMI OS 4.0
(Based on Android 14)

CPU

Octa-core, up to 2.2GHz

Memory

4GB RAM+64GB ROM
3GB RAM+32GB 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:
F153B: 10.1" HD, 1280*800 Pixels, IPS;
F153C: 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

Bluetooth

Bluetooth 5.4, Support BLE

Ethernet

F153A: 100M;
F153B/F153C:1000M

NFC

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

Audio

1*3W Speaker
1*Microphone
(Only F153C supported)

Power Adapter

Input: 100~240V AC
Output: 24V/1.5A DC

Dimensions (L*W*H)

375*192*322 mm

Net Weight

F153A: 4.6kg
F153B: 5.3kg
F153C: 6.0kg

Gross Weight

F153A: 6.5kg
F153B: 7.9kg
F153C: 8.7kg

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

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