Smart Desktop Terminal

SUNMI D3 Family - D3 80MM `New`

Built for beginnings, ready for more.

Powered by **SUNMI OS** | Compatible with **SUNMI DMP** | G **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
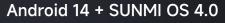
4×Cortex-A72 + 4×Cortex-A53

Octa Core
Cortex:4xA72 @2.2 GHz & 4xA53 @1.8 GHz

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	**OS**	**CPU**	**Memory**	**Buttons**
F154A/F154B/F154C	SUNMI OS 4.0 (Based on Android 14)	Octa-core, up to 2.2GHz	4GB RAM+64GB ROM Extended Micro SD Card Slot Up to 1TB	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	**GMS**	**Camera**	**Bluetooth**	**Ethernet**
High-speed thermal printer: 250mm/s Paper roll width/diameter: 80mm/80mm Can be able to convert to 58mm	Support (Only F154B suppported)	5MP FF Front Camera (Only F154C suppported)	Bluetooth 5.4, Support BLE	1000M

NFC	**Audio**	**Power Adapter**	**Dimensions (L*W*H)**	**Net Weight**
Tap on screen Support ISO/IEC 14443 TypeA/B , Mifare , Felica, ISO 15693 compliant Support Host Card Emulation (HCE)	1*3W Speaker 1*Microphone	Input: 100~240V AC Output: 24V/2.5A DC	375*192*355 mm	F154A: 4.7kg F154B: 5.3kg F154C: 6.0kg

Gross Weight	**Environment**	**Certification**	**Accessories (Optional)**
F154A: 7.9kg F154B: 8.5kg F154C: 9.4kg	Operating Temperature: 0℃~40℃, Storage Temperature: -20℃~60℃ Operating Humidity: 5%~95% non-condensing	CCC, CB, FCC, CE, RoHS, GMS	58mm Paper width guide Desktop Magstripe Card Reader Monocular Camera Binocular Camera