

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

4×Cortex-A72 + 4×Cortex-A53



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



**15.6" FHD Screen**

Sharper visuals for  
crystal-clear details.



**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

<b>Product Model</b> F154A/F154B/F154C	<b>OS</b> SUNMI OS 4.0 (Based on Android 14)	<b>CPU</b> Octa-core, up to 2.2GHz	<b>Memory</b> 4GB RAM+64GB ROM Extended Micro SD Card Slot Up to 1TB	<b>Buttons</b> 1*Power button (With indicator blue light ) 1*Download button (hidden)
<b>Displays</b>  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	<b>Ports</b>  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)	<b>Ports</b>  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)	<b>Wi-Fi</b> Wi-Fi 6 2.4GHz/5GHz IEEE 802.11 a/b/g/n/ac/ax	
<b>Printer</b> High-speed thermal printer: 250mm/s Paper roll width/diameter: 80mm/80mm Can be able to convert to 58mm	<b>GMS</b> Support (Only F154B supported)	<b>Camera</b> 5MP FF Front Camera (Only F154C supported)	<b>Bluetooth</b> Bluetooth 5.4, Support BLE	<b>Ethernet</b> 1000M
<b>NFC</b> Tap on screen Support ISO/IEC 14443 TypeA/B , Mifare , Felica, ISO 15693 compliant Support Host Card Emulation (HCE)	<b>Audio</b> 1*3W Speaker 1*Microphone	<b>Power Adapter</b> Input: 100~240V AC Output: 24V/2.5A DC	<b>Dimensions (L*W*H)</b> 375*192*355 mm	<b>Net Weight</b> F154A: 4.7kg F154B: 5.3kg F154C: 6.0kg
<b>Gross Weight</b> F154A: 7.9kg F154B: 8.5kg F154C: 9.4kg	<b>Environment</b> Operating Temperature: 0°C~40°C, Storage Temperature: -20°C~60°C Operating Humidity: 5%~95% non-condensing	<b>Certification</b> CCC, CB, FCC, CE, RoHS, GMS	<b>Accessories (Optional)</b> 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