

NEXGO N86 Pro

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N86 Pro

Advanced Generation
Smart POS Terminal

The N86 Pro is an advanced smart POS designed for demanding business environments. It features a 5.5-inch HD display and runs on Android 13 with a refined UI. Powered by a quad-core 2.0GHz processor, it ensures smooth multitasking and fast response. The device is built for durability, with 1.5-meter drop resistance, IP54 protection, and explosion-proof certification. It supports 5G Wi-Fi and offers flexible accessory options including a fingerprint reader, professional scanner, and charging dock—making it ideal for retail, logistics, and field services.

Reliability

1.5m anti-drop

Performance

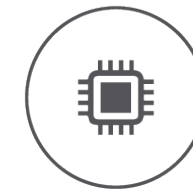
Quad-core, 2.0GHz,
5.5" display, Android 13

Compatibility

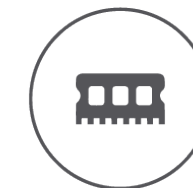
Fingerprint, Pro scanner,
Charging Base

Advanced Performance

N86 Pro uses a quad-core 2.0GHz high-speed processor.



Quad-Core
2.0GHz



Memory
1GB RAM + 8GB Flash
2GB RAM + 32GB Flash(Optional)



Android 13

- New and superior UI design
- Support Android native NFC
- Support virtual blue tooth printing
- Better software performance (e.g., app installation, opening speed, file reading speed, remaining memory, etc.)



Customer Display

The N86 Pro offers an optional 2.36-inch, customer-facing color display, perfect for showcasing payment amounts and order details





Professional Scanner

The professional scanning engine of N86 Pro supports high-speed recognition of 1D and 2D barcodes even if the barcode is damaged or dirtied.

Symbologies: Codabar, Codablock, Code 11, Code 39/Code 93/UPC/EAN, DataMatrix, MaxiCode, MicroPDF 417, MSI Code, PDF417, QR code, etc.



Fingerprint Module

- **FAR(False Acceptance Rate)** < 0.001%
- **FRR(False Rejection Rate)** < 0.1%
- **Verification Time** < 0.6s
- **Comparison:** 1:N, 1:1
- **Standards:** ANSI378, ISO19794-2
- **Resolution:** 500dpi

1.5M



Rock-Solid

N86 Pro has industrial-grade design and can withstand a drop of up to 1.5 meters on the marble floor.

Rugged

IP54 Dustproof & Waterproof, Shockproof

ATEX Certified

ATEX International Certification

ATEX Certified

N86 Pro can be safely and reliably used in hazardous workplaces, such as gas stations, chemical industry and petrochemical industry.

It is proved not to be a source of ignition or explosion under potentially explosive atmospheres, and it can withstand a certain extent of blast and heat without causing a secondary explosion or fire.

High-Speed Network Connectivity

N86 Pro supports multiple internet access methods, 4G/3G/2G, Bluetooth 5, 802.11a/b/g/n/ac, 2.4GHz+5GHz Wi-Fi standards ensuring stable and fast network connections for data transmission and online payments.



4G/3G/2G



BT 5.0



2.4GHz+5GHz

Powerful Battery Life

The industry's top level battery performance and ultra-low power consumption design make 7.4V 2600mAh li-ion battery of N86 Pro works efficiently. Moreover, there's an optional high-capacity battery (7.2V/3300mAh) of N86 Pro to meet long-term usage needs.

3300
mAh



Payment Methods

N86 Pro accepts payments of magnetic strip cards, IC cards, contactless/NFC and 1D&2D codes.



Certifications



N86 Pro Smart POS Terminal

OS Android 13	Printer High Speed Thermal Printer, Up to 80mm/s	Location GPS, GLONASS or BEIDOU	Physical 191.8mm(L)*78.19mm(W)*71.26mm(H) 428g(Battery included)
Processors Quad-Core 2.0GHz Processor Security Chip	Card Readers Magnetic Stripe Cards Chip Cards Contactless Cards	Camera Front:No Camera/2MP (Optional) Rear:2MP/5MP (Optional)	Environmental Operating Temperature: 0°C to 50°C(Non-charge) Storage Temperature: -20°C to 70°C Relative Humidity: 5% to 95%(Non-Condensing)
Memory 1GB RAM + 8GB Flash 2GB RAM+32GB Flash(Optional) (Micro SD Card Supported, up to 128GB)	Peripheral Ports 1 x Type-C OTG, 1 x SD3.0; 1 x SIM + 2 x SAM, Or 2 x SIM+1 x SAM(Optional) Or 1xSIM+1xESIM+1xPSAM(Optional) DC(Optional) Audio jack(Optional)	Audio Built-in Speaker Mic(Optional)	Accessories Charging Base(Optional) Scanning Module(Built-in) (Optional) Fingerprint Module(Optional) Magic box(Optional)
Display 5.5”HD Color Screen,1440*720 Capacitive Touch screen, Multi-Touch; 2.36” customer display, 76*284(Optional)	Communication 4G/3G/2G Wi-Fi, 802.11a/b/g/n/ac, 2.4GHz&5GHz BT5.0	Battery 7.2V/2600mAh 7.2V/3300mAh	Certifications CE,ATEX, IP54; ROHS/WEEE; EMV3.0, L1&L2, Quickpass, Paypass, Paywave, JCB, AMEX, Discover, TQM; PCI 6.X
Keys 1 Power Key, 1 Shortcut key	PIN Pad Software PIN Pad Blind PIN Supported	Adaptor USB Type C 5V/2A DC(Optional)	

Accessories

Charging Base Is Coming Soon



THANK YOU!

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