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.

Features

▸ **Reliability**
1.5m anti-drop

▸ **Performance**
Quad-core, 2.0GHz, 5.5" display, Android 13

▸ **Compatibility**
Fingerprint, Pro scanner, Charging Base

Android 13	4G/3G/2G	BT5.0	2.4GHz + 5GHz	Anti-drop

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Contactless/NFC   Magstripe Cards   IC Cards   1D&2D Codes

Specifications

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