NEXGO N86

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N86

Next Generation
Smart POS Terminal

Impeccable quality and appearance make N86 irresistible. It delivers strong performance through the operation system powered by Android 9.0 and a quad-core 1.4 GHz high-speed processor. The innovative design combines the arts and advanced protection technology. And N86 is power-efficient, standby time is up to 240 hours.

Performant

Android 9.0 & Quad-Core Processor

Robust

and Artistic Design

Power-Efficient

240+ Hours Standby

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Outstanding Performance

N86 is powered by Android 9.0 and uses a quad-core 1.4GHz high-speed processor.

Quad-Core

1.4GHz

Memory

1GB RAM + 8GB Flash
2GB RAM + 16GB Flash(Optional)

Get more

“Android 9 harnesses the power of artificial intelligence to give you more from your phone. Now it's smarter, faster and adapts as you use it.”

Android 9 Pie

android

Rock-Solid

N86 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

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ATEX Certified

N86 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.

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Innovative Design

N86 is not like any Smart POS we designed before as it boldly combines the arts and advanced protection technology which makes N86 the most beautiful and durable smart POS terminal than ever.

A Piece of Art

Streamlined and Golden Section Design

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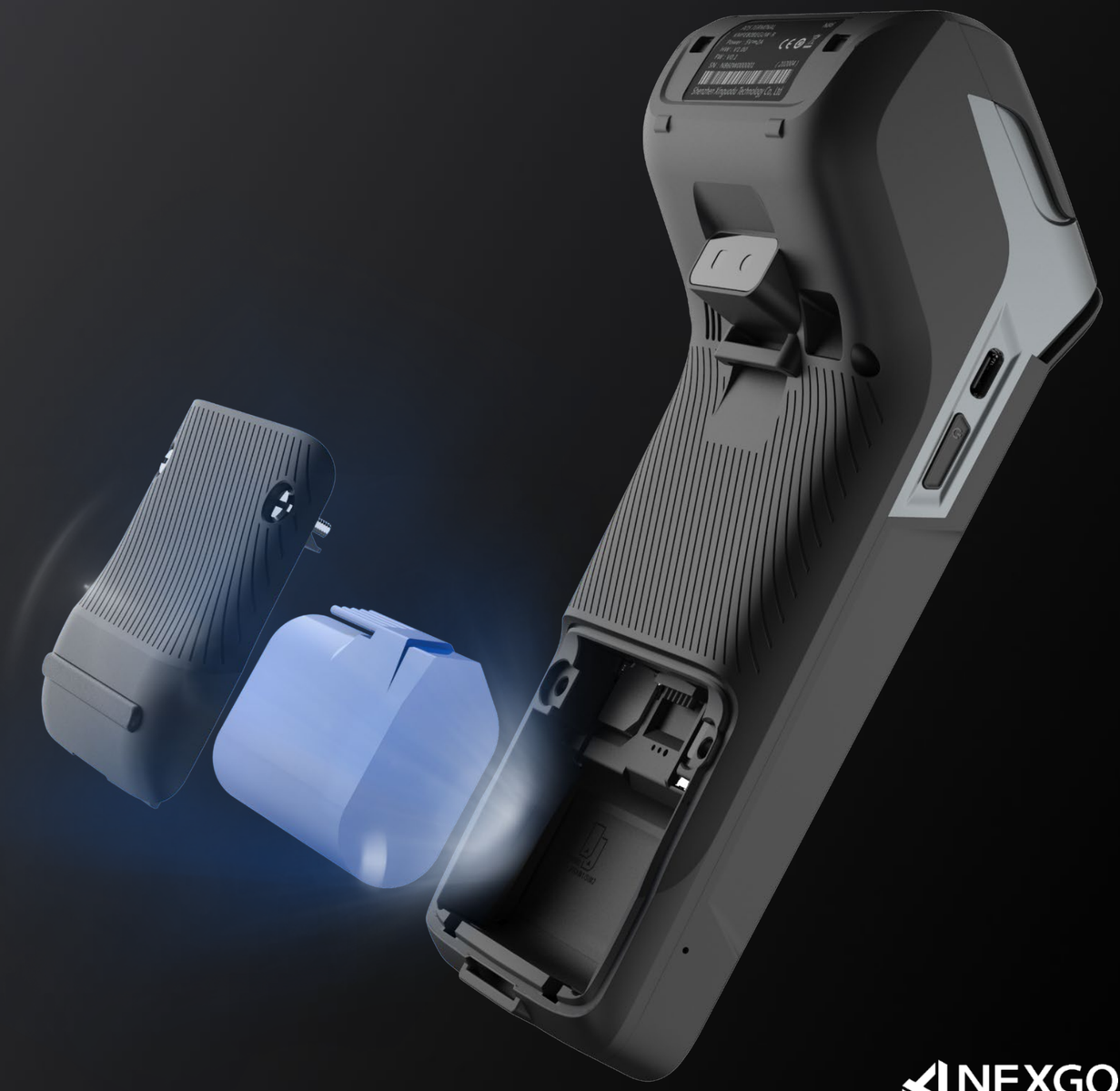
Power-Efficient

The industry’s top level battery performance and ultra-low power consumption design make 7.4V 2600mAh li-ion battery of N86 supports 600+ receipt printings, standby time is up to 240 hours.



240+ Hours Standby

600+ Receipts

* 7.4V 2600mAh battery equals to 3.7V 5200mAh battery.

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Professional Scanner

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

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

Clearer and Faster Printing

A unique high-pressure printing technology is used to the thermal printer of N86, printed text and graphics are clearer. The printing speed is increased to 80 mm per second.

High-Pressure Printing

80 mm/s

58 mm

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Payment Methods

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

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Certifications

PCI Security Standards Council

CCC

CE

EMVCo

mastercard

MasterCard paypass

VISA

Visa payWave

AMERICAN EXPRESS

UnionPay 银联 中国银联 China UnionPay

DISCOVER

JCB

Ex

Common Criteria

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N86 Smart POS Terminal

OS Android 9	**Printer** High Speed Thermal Printer, Paper Roll Width : 58mm, Diameter: 40mm	**Audio** 1 x Speaker Optional:1 x Microphone	**Adaptor** DC 5V/2A
Processor Quad-core Cortex-A53, 1.4GHz	**Card Readers** Magnetic stripe cards Chip Cards Contactless Cards	**Keys** 1 Power Key, 2 Volume Keys	**Physical** 194mm(L)x80mm(W)x68.8mm(H) 420g(Battery Included)
Memory 1GB RAM + 8GB ROM 2GB RAM + 16GB ROM (Micro SD Card Supported, up to 128GB)	**Communication** 4G/3G/2G Wi-Fi, 802.11b/g/n, 2.4GHz BT4.2	**Positioning** GPS, GLONASS or BeiDou	**Environmental** Operating Temperature : 0°C to 50°C Storage Temperature : -20°C to 60°C Shockproof:1.5m
Display 5.0" HD (1280 x 720) Color Screen Capacitive Touchscreen, Multi-Touch Secondary Screen 1.9" FSTN (192 x 32) （Optional)	**Battery** 7.4V/2600mAh Equals to 3.7V/5200mAh Optional:7.2V/3300mAh Equals to 3.6V/6600mAh	**Peripheral Ports** 1 x Type C USB OTG 6 PIN POGO PIN	**Accessories** Charging Base Multi-function Base Scanning Module(Built-in) Wristband Fingerprint Module(Built-in) Secondary Display(Optional)
Cameras Rear : 2 MP, FF Optional:5 MP, AF with Flashlight Optional: Front : 2 MP, FF	**Card Slots** 1 x SIM + 2 x SAM Optional: 2 x SIM+1 x SAM Optional: eSIM 1 x SD	**PIN Pad** Software PIN Pad Blind PIN Supported	**Certifications** CE, ATEX, IP54; EMV3.0, L1&L2, PBOC/QPBOC, Paypass, PayWave, JCB, AMEX, Discover, TQM; PCI6.X, UPTS 3.0, Common Criteria

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Accessories

Fingerprint Module(Built-in)

Docking Station

Secondary Display (Optional)

Wristband

Scanning Module(Built-in)

Multi-function Base

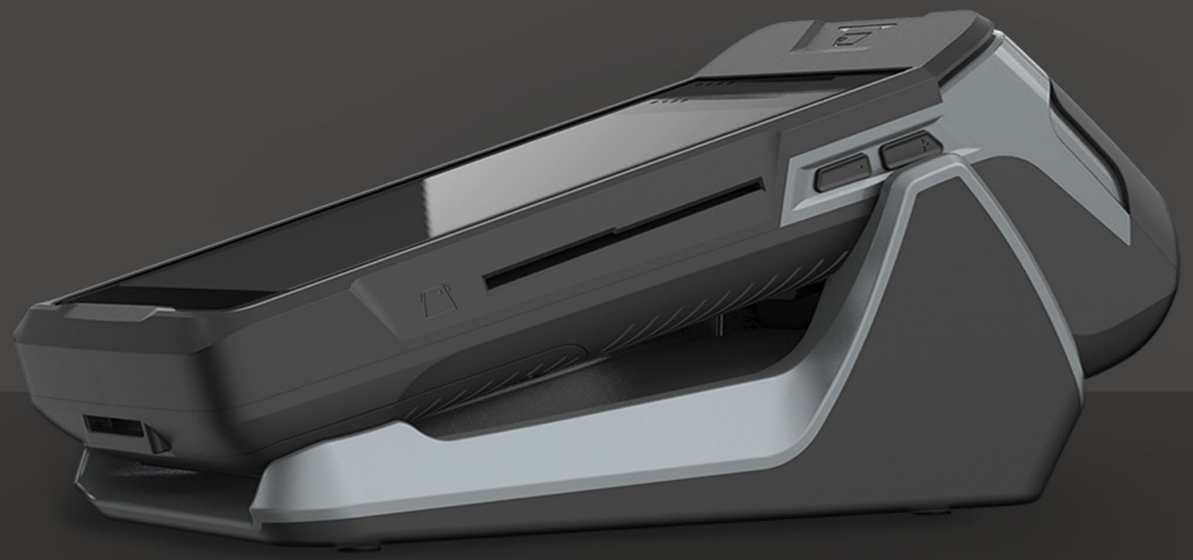
Docking Station

For Charging

Adaptor: Type C 5V/2A

Multi-function Base(V1)

Adaptor: Type C 5V/2A
RS232: RJ45, 115200bps
LAN: RJ45, 10M/100M



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Multi-function Base(V2)

- **Adaptor:** Type-C 5V/2A
- **RS232:** RJ45, 115200bps
- **LAN:** RJ45, 10M/100M

Charging + Wireless Wi-Fi

1 USB-Slave(Type-C)

1 RS232(RJ45)

1 USB-Host

1 Power Port(Type-C)

1 LAN(RJ45)

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Scanning Module(Built-in)

- **Precision**
  ≥3mil

- **Image Sensor**
  640*480 CMOS

- **Code Scanning**
  2D: PDF417, QR Codes, Data Matrix, etc.
  1D: Code 128, EAN-13, EAN-8, etc.

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Wristband

- Prevents N86 from falling
- Elastic and Adjustable

Fingerprint Module(Built-in)

- **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

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N86 Dual Screens

- **With 1.9“ FSTN (192*32) at the front side. Making customer see what they are paying.**

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THANK YOU!

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