NEXGO N96

Version 1.4 Issued December 2024

NEXGOGLOBAL.COM

N96

New Generation Smart POS Terminal

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The N96 is a high-performance smart mobile POS with a unique and innovative product architecture. The N96 offers a 6.5-inch HD display, powered by Qualcomm's latest quad-core processor. Running Android 11. It boasts a 7.6v 3050mAh battery for extended standby. With a sleek 64.5mm thickness, it provides an exceptional payment experience for merchants.

## Performant

Android 11.0 & Quad-Core Processor

Power-Efficient

Polymer Battery

Elegant

Modern, Stylish and Simple
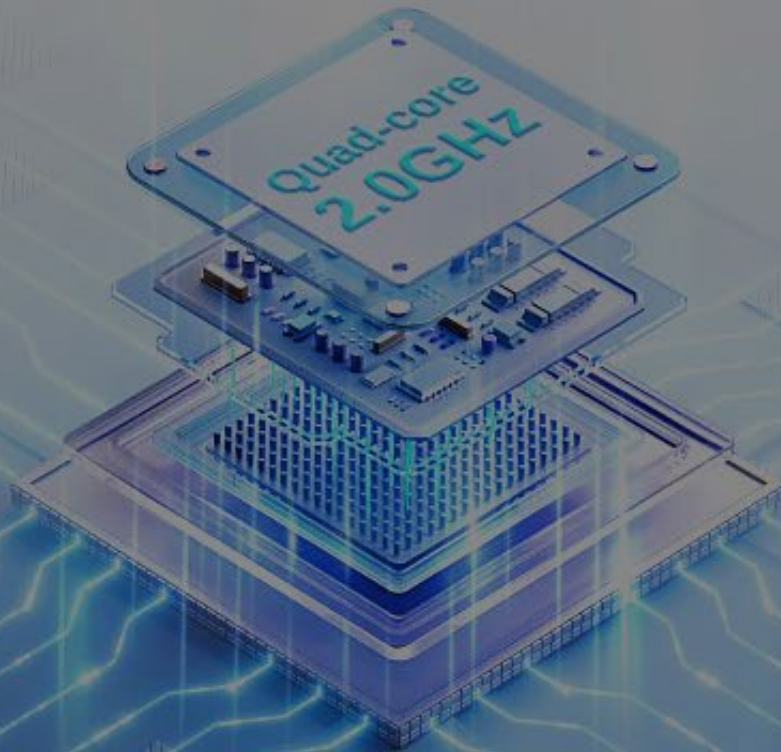
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Powerful Qualcomm processor

N96 runs on Qualcomm's new-gen platform with a quad-core 2.0GHz A53 architecture, 11nm manufacturing process, over 60% performance boost, and 30%-40% less power consumption. Ideal for seamless business app use by merchants.

Quad-core 2.0GHz A53 architecture

11nm manufacturing process

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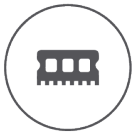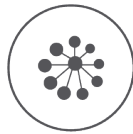
Ultra-long Standby

The N96 features a 7.6V 3050mAh lithium polymer battery with an 800-cycle lifespan, offering an impressive 18-day ultra-long standby and more than 1500 receipt prints.

800 cycles life   18+ days   1500+ receipts

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Innovative Design

The N96 features a modern product design that is both elegant and simple, reflecting a strong technological presence.

64.5mm

Thickness

79.6mm

Width

Perfect Handheld

Experience

reddot winner 2023

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Smart Interactive Light

The brand color seamlessly integrates into the smart interactive light at the top. It provides intelligent feedback on product status for a user-friendly experience.
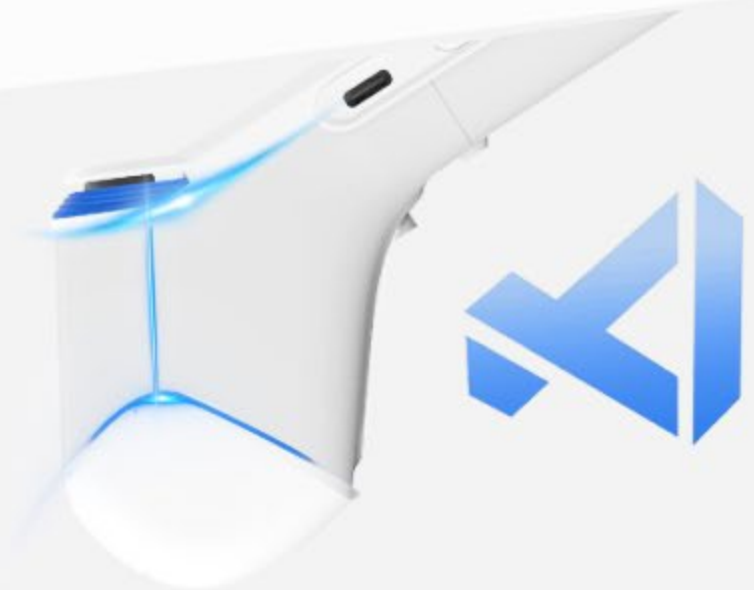
Metal spray painting

The camera decoration component employs a metal spray painting process, elevating the product's technological aesthetics.
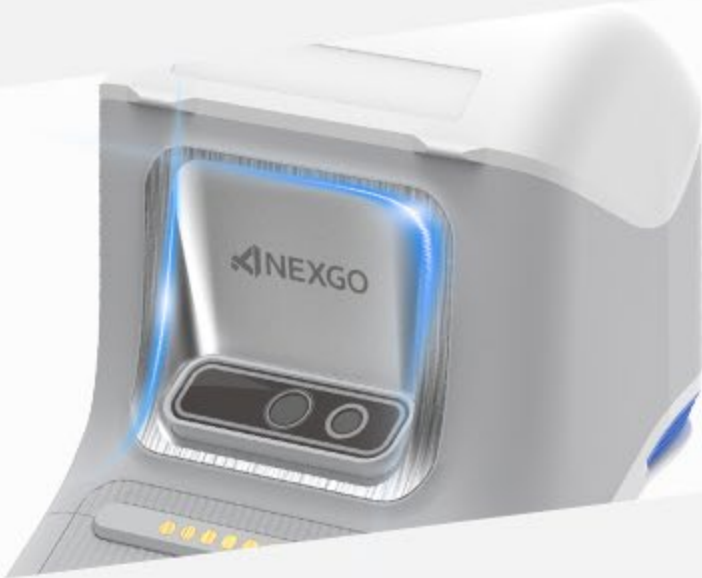
Innovative Architecture

Incorporating the brand symbol into the product design establishes a fresh and innovative product architecture.
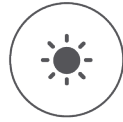
6.5-inch HD Display

The N96 boasts a 6.5-inch HD INCELL display with a 1600*720 resolution and five-point touch support. It presents improved screen brightness, narrower bezels, and a higher screen-to-body ratio than the previous generation product(N5).

Optical Bonding   **Lightness: 350 Nits**   **Narrow Bezel: 2.5mm**

Air Bonding   Optical Bonding

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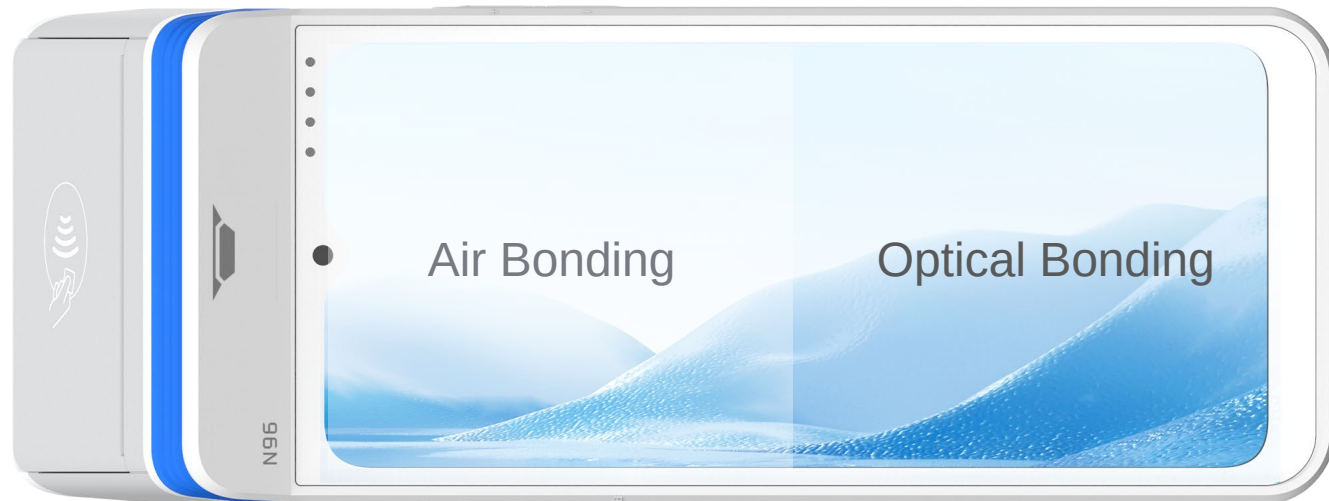
Clearer and Faster Printing

N96 employs advanced high-pressure printing technology for swift and precise bill printing, achieving speeds of up to 80 mm per second.

High-Pressure Printing

80 mm/s

58 mm

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Fixed PIN Supported

PCI-certified fixed PIN solution in N96 allows visually impaired users to make secure and effortless payments across various scenarios.

PCI Security Standards Council ®

Technological Innovation

The N96 significantly enhances wireless sensitivity across all 4G bands, resulting in a 100% increase (+3dB) compared to the previous generation.

Professional Scanner Optional

N96 features a Honeywell decoder platform for its scanner, enabling support for a wide range of symbologies, including 1D, 2D, and OCR.

1280*800 resolution

Global shutter sensor with motion tolerance of 6 m/s

White LED fill light and High Visibility Red Laser

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Payment Methods

N96 accepts payments of magstripe cards, IC cards, contactless/NFC and 1D&2D codes.

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Certifications

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OS	Printer	Audio	Adaptor
Android 11	High Speed Thermal Printer, Paper Roll Width : 58mm, Diameter: 40mm	1 x Speaker 1 x Microphone（Optional）	DC 5.0V/2.0A
Processor Quad-core Cortex-A53, 2.0GHz	**Card Readers** Magnetic stripe cards Chip Cards Contactless Cards	**Keys** 1 Power Key, 2 Volume Keys	**Physical** 212mm (L) x 79.6mm(W) x 64.5mm(H) 485g (Including Battery)
Memory 2GB RAM + 32GB ROM (Micro SD Card Supported, up to 128GB)	**Communication** 4G/3G/2G Wi-Fi, 802.11a/b/g/n/ac, 2.4GHz&5GHz BT5.X	**Positioning** GPS, GLONASS, BeiDou	**Environmental** Operating Temperature : 0°C to 50°C Storage Temperature : -20°C to 60°C
Display 6.5" HD (1600 x 720) Color Screen, Capacitive Touchscreen, Multi-Touch	**Battery** 7.6V/3050mAh 800 cycles life Rechargeable polymer lithium battery	**Ports** 1 x Type C USB OTG POGO PIN	**Accessories** Charging Base Multifunctional Base Scanning Module(Built-in)
Cameras Front: 2 MP, FF Rear : 5 MP, AF with Flashlight	**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,FCC,UL, ATEX, IP54; ROHS/WEEE;PTCRB; EMV3.0, L1&L2, Quickpass, Paypass, PayWave, JCB, AMEX, Discover, TQM; PCI6.X

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THANK YOU!

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