Newland
SCANNING MADE SIMPLE

1D & 2D | Android 13 | 5.0" screen | Megapixel | USB | Touchscreen

Camera | 4G | PoE | Bluetooth 5.2 | WIFI Dual Band | I/O Ctrl

Optional MSR | Optional NFC | Ndevor | Warranty 2 Years

NQuire 500 Skate II

Micro Kiosks

Features

Robust Performance

Powered by 2.0GHz octa-core processor, the NQuire 500 Skate II is designed to handle dynamic environments. Operating on the Android 13 platform, the NQuire 500 Skate II facilitates the creation and seamless deployment of customized applications, leveraging the full potential of the feature-rich Android environment.

Compact Multi-Purpose Touch Screen

The NQuire 500 Skate II features a compact 5.0” touchscreen, ensuring seamless interaction and a user-friendly experience. Designed for effortless integration, this screen size is ideal for scenarios where extensive data visualization isn't necessary, like with price checking, or for applications where additional space is an issue.

Full Wireless Features

Offering various connectivity options, including WiFi, Ethernet, Bluetooth 5.2, and 4G, the NQuire 500 Skate II ensures seamless communication.

Flexible Mounting

The NQuire 500 Skate II offers flexible mounting options. Its slim and lightweight build makes it suitable for placement on shelf edges, walls, or as a free-standing unit. The classic Vesa75 configuration ensures compatibility with existing industry-standard solutions, offering hassle-free integration.

High-Precision Barcode Scanning

At the core of the NQuire 500 Skate II lies Newland’s advanced Megapixel scanning technology, ensuring efficient barcode data capture. This technology sets high standards for precision scanning of both large and small 1D & 2D barcodes. Moreover, the NQuire 750 Stingray II is optimized for reading barcodes displayed on smartphone and tablet screens, enhancing its usability across various devices.

Maximising Possibilities with NFC and MSR

The NQuire 500 Skate II has optional accessories for more connection and data capture, including an NFC module for contactless identification, secure access, or payment. The NQuire 500 Skate II also offers an MSR module to accommodate legacy applications.

Free Device Management Software

The NQuire 500 Skate II comes with Newland’s free MDM solution: Ndevor. This software facilitates the management of information from a shared database, the arrangement of applications and settings across individual device units, and provides convenient troubleshooting assistance — all from a centralized location.

Suggested industries

Retail | Hospitality | Events | Manufacturing | Healthcare

NQuire 500 Skate II Technical specifications

Data Capture	
1D	All major 1D symbologies
2D	All major 2D symbologies
Depth of Field EAN 13 (13mil)	70mm-610mm
Depth of Field Code 39 (5mil)	110mm-290mm
Depth of Field PDF417 (6.7mil)	110mm-230mm
Depth of Field DataMatrix (10mil)	110mm-260mm
Depth of Field QR (15mil)	55mm-410mm
Performance	
Operating System	Android 13 GMS
Processor	2.0GHz Octa-Core 64-bit Processor
Memory RAM	4GB
Memory Flash	64GB
Physical	
AC Adapter	12V@3A
Camera	Front camera: 8MP
Dimensions (mm)	156.5 (W) x 100.4 (H) x 29 (D) mm
Display	5”, (854x480), capacitive touch screen
Interfaces	1 X USB Type-C, 2 X GPIO, 1 X expansion slot, Ethernet RJ45, MicroSD Card support (up to 128GB)
Keypad	Up/down keys, Vol+/Vol-keys, Menu key
Modules	Built in 4G module
Notifications	Speaker and multicolour LEDs
Power over Ethernet	RJ45 IEEE 802.3 af/at
Sensors	Gravity Sensor, Infrared Sensor
SIM	Nano+Nano/Nano+TF
Wireless	
WWAN RADIO	2G: 850/900/1800/1900 MHz; 3G: WCDMA (B1, B2, B5, B8); CDMA:1X EVDO (BC0); TD-SCDMA: B34/39; 4G: TDD-LTE (B34,B38, B39, B40, B41), FDD-LTE (B1,B2,B3,B5, B7, B8, B20, B28 a&b)
WLAN RADIO	IEEE 802.11 a/b/g/n/ac, support 2.4G and 5G, dual frequency
WPAN RADIO	Bluetooth 5.2
NFC	13.56MHz RFID: ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693. Supports ID card reading, supports reader/writer modes. (optional NFC module is required)
GPS	GPS (AGPS), GLONASS, Beidou, Galileo
Environmental	
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	5% to 90% (non-condensing)
Electro Static Discharge (ESD)	±12kV (Air discharge), ±6kV (Direct discharge)

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IP Rating	IP54 (front only)
Accessories	
Optional	NFC module, MSR module
Software	
MDM (certified)	Ndevor
Warranty	
Standard	2 years

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