Newland AIDC
SCANNING MADE SIMPLE

NQuire 500 Skate II

Touch Panel Computers



1D & 2D | 4G | 5.0" screen | Android 13 | Bluetooth 5.2 | Camera

Dual-Band Wi-Fi | GS1 Ready | I/O Ctrl | Megapixel | Ndevor | Optional MSR

Optional NFC | PoE | Touchscreen | USB | Warranty 2 Years



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 500 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.

2 Years Full Warranty | Ndevor NEWLAND SOFTWARE | SOTI MOBICONTROL | 42GEARS CERTIFIED | Google GMS

TECHNICAL SPECIFICATIONS

NQuire 500 Skate II

Data Capture

1D	All major 1D symbologies
2D	All major 2D symbologies
Depth of Field Code 39 (5mil)	110 mm - 290 mm
Depth of Field DataMatrix (10mil)	110 mm - 260 mm
Depth of Field EAN 13 (13mil)	70 mm - 610 mm
Depth of Field PDF417 (6.7mil)	110 mm - 230 mm
Depth of Field QR (15mil)	55 mm - 410 mm
GS1 Ready	Yes

Performance

Current Operating System	Android 13, GMS
Memory Flash	64GB
Memory RAM	4GB
Processor	2.0 GHz octa-core, 64-bit

Physical

AC Adapter	12 V, 3 A
Dimensions	156.5(W) x 100.4(D) x 29(H) mm
Display/Touch Panel	5” (854 x 480), brightness: 310 nits, Capacitive touchscreen
Front camera	8 MP
Interfaces	MicroSD Card, USB-A, GPIO, Ethernet
Keypad	5 keys
Modules	Built in 4G module
Notifications	Speaker, Multi-color LEDs
Power over Ethernet	RJ45 IEEE 802.3 af/at
Sensors	Gravity Sensor, Infrared sensor
SIM/TF	Nano+Nano, Nano+TF
Touch Panel	Capacitive touchscreen

Wireless

GPS	GPS (AGPS), GLONASS, Beidou, Galileo
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)
WLAN RADIO	IEEE 802.11 a/b/g/n/ac, support 2.4G and 5G, dual frequency
WPAN RADIO	Bluetooth 5.2
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)

Environmental	
Electro Static Discharge (ESD)	±12 kV (air discharge), ±6 kV (direct discharge)
Humidity	5% to 90% (non-condensing)
IP Rating	IP54 (front only)
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Software	
Android Roadmap	https://www.newland-id.com/en/support/android-roadmap-for-newland-devices/
MDM (certified)	Ndevor
Warranty	
Comprehensive Service Contract	3 Years, 5 Years
Warranty Extension	+1 Year, +3 Years
Warranty Standard	2 Years
Accessories	
Accessories Optional	Desktop stand Vesa75, Wall mount bracket Vesa75, MSR reader module, NFC reader module, NQuire IO Kit, Multiplug adapter
Accessories Standard	Wall mount bracket Vesa75, Multiplug adapter
What's in the box?	
NLS-NQUIRE500-W4-SL	NQuire 500 Skate II, Wall mount bracket, Multiplug adapter

Accessories

Charging/Power	ADP0043 Power Supply for NQuire Series (ADP0043)
Peripherals	NLS-NQIOKIT-01 NQuire IO Kit (NLS-NQIOKIT-01) NLS-NQMSR-01 MSR Reader Module for NQuire Series (NLS-NQMSR-01) NLS-NQNFC-01 NFC Reader Module for NQuire Series (NLS-NQNFC-01)
Base Stations	STD1200 Desktop Stand for NQuire Series (STD1200) WMB750 Wall Mount Bracket for NQuire Series (WMB750)

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