ComX Computers
Product Specification Sheet

NLS-NQUIRE500-W4-SL

Newland NQuire 500 Skate II Micro Kiosk with 5" Touch Screen & 2D Imager

Product Overview

Newland NQuire 500 Skate II Micro Kiosk with 5" Touch Screen & 2D CMOS Mega Pixel Imager with Laser aimer (CM6x landscape), 8MP front camera, Bluetooth, 4G, GPS, WiFi including Wall Mount bracket and Multiplug Adapter, Android 13 GMS OS, 4GB RAM, 64GB Flash, 2.0GHz Octa-core Processor, 5" 854x480 capacitive Touch Screen, 1x USB Type-C, 2x GPIO, 1x Expansion slot, Ethernet RJ45, MicroSD card support (Up to 128GB), Gravity Sensor, Infrared Sensor











Specifications

Overview Summary:

The Newland NQuire 500 Skate II is a compact Android-based micro kiosk designed for modern self-service environments. With a responsive 5 inch touch screen, built-in 2D barcode scanning and flexible connectivity including WiFi, Ethernet and 4G, it delivers reliable performance in retail, hospitality and enterprise settings.

Running Android 13 and powered by an octa-core processor, this micro kiosk supports custom applications, secure connectivity and easy device management. Its slim design, VESA mounting support and included wall mount make installation simple and professional. Shop now to streamline customer interaction and improve operational efficiency with a proven self-service solution.

Performance tier: Professional / Enterprise

Uses:price checking, self service kiosks, access control, customer check-in, inventory lookup, barcode scanning terminals

Overview:

Newland NQuire 500 Skate II Micro Kiosk Built for Modern Self Service
Compact yet capable, the Newland NQuire 500 Skate II micro kiosk delivers strong performance in a space saving design. Equipped with a responsive 5-inch touchscreen and advanced megapixel barcode scanning, it supports fast and accurate interactions across a wide range of self service applications. The updated, streamlined housing gives it a modern look that fits naturally into retail, hospitality, healthcare, and access control environments where reliability and clean design matter.

Description:

The Newland NQuire 500 Skate II is a compact Android-based micro kiosk designed for interactive self service. It combines a 5-inch capacitive touchscreen, high precision 1D and 2D barcode scanning, front camera, and flexible connectivity including WiFi, Bluetooth, Ethernet, and 4G. With Android 13, an octa-core processor, and support for optional NFC and MSR modules, it is well suited for price checking, customer validation, information access, and light transaction workflows in space constrained locations.

Features:

Designed for Speed and Stability
Powered by a 2.0GHz octa-core processor and running Android 13 with GMS support, the device handles everyday kiosk tasks smoothly. It enables fast app response, stable multitasking, and straightforward deployment of custom Android

applications for business use.

Touch Interaction in a Compact Format
The 5-inch capacitive display offers clear visuals and intuitive touch control without taking up unnecessary space. This makes it ideal for focused tasks such as item lookup, queue management, visitor check-in, or membership validation.

Reliable Connectivity Options
Multiple connection methods allow the device to integrate easily into existing systems.

- Dual band WiFi for stable wireless networking
- Bluetooth 5.2 for peripheral connectivity
- Ethernet RJ45 for wired installations
- 4G support for mobile or remote deployments

Flexible Installation Options
The slim and lightweight design supports a wide range of mounting scenarios.

- Wall mounting for fixed locations
- Shelf edge placement for retail use
- Free standing setups for kiosks and counters
- VESA 75 compatibility for standard mounts

Accurate Barcode Capture
Newland megapixel scanning technology delivers fast and reliable reading of both 1D and 2D barcodes. It performs well on printed labels as well as barcodes displayed on smartphone and tablet screens, making it suitable for modern digital workflows.

Expandable for Additional Use Cases
Optional modules allow the kiosk to adapt to different operational needs.

- NFC module for contactless identification or access
- MSR module for legacy card based applications

Centralised Device Control
The kiosk includes access to Newland Ndevor device management software. This allows administrators to manage applications, configure settings, monitor device status, and troubleshoot issues remotely from a single platform.

Hardware and System Highlights

- Android 13 operating system with GMS
- 4GB RAM and 64GB internal storage
- 5-inch 854 x 480 capacitive touchscreen
- 8MP front facing camera
- USB Type-C interface
- Dual GPIO ports and expansion slot
- MicroSD card support up to 128GB
- Built-in gravity and infrared sensors

Specifications:

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Specifications	
Product Code	NLS-NQUIRE500-W4-SL
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/TF	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	-10degreesC to 50degreesC (14degreesF to 122degreesF)
Storage Temperature	-20degreesC to 60degreesC (-4degreesF to 140degreesF)
Humidity	5% to 90% (non-condensing)
Electro Static Discharge (ESD)	+/-12kV (Air discharge), +/-6kV (Direct discharge)
IP Rating	IP54 (front only)
Accessories	
Optional	NFC module, MSR module
Software	
MDM (certified)	Ndevor

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/NLS-NQUIRE500-W4-SL-Newland-NQuire-500-Skate-II-Micro-Kiosk-with-5-Touch-Screen-2D-p-333315.php

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