Newland AIDC
SCANNING MADE SIMPLE

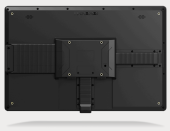
NQuire 1500 Mobula II

Touch Panel Computers

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

I/O Ctrl | Megapixel | Ndevor | Optional MSR | Optional NFC | PoE

Touchscreen | USB | Warranty 2 Years | WIFI Dual Band



Features

Extra Large Multi-Purpose Touch Screen
The NQuire 1500 Mobula II features a versatile 15.6" touchscreen, ensuring seamless interaction and user-friendly experience. With its extra large screen, the NQuire 1500 Mobula II allows you to effectively display extensive amounts of data and run third-party applications, serving diverse purposes like warehouse stock management, supermarket checkouts, or hotel self-check-in processes.

Robust Performance
Powered by 2.0GHz octa-core processor, the NQuire 1500 Mobula II is designed to handle dynamic environments. Operating on the Android 13 platform, the NQuire 1500 Mobula II facilitates the creation and seamless deployment of customized applications, leveraging the full potential of the feature-rich Android environment.

Full Wireless Features
Offering various connectivity options, including WiFi, Ethernet, Bluetooth 5.2, and 4G, the NQuire 1500 Mobula II ensures seamless communication.

High-Precision Barcode Scanning
At the core of the NQuire 1500 Mobula II lies Newland's advanced Megapixel scanning technology, ensuring efficient barcode data capture. This technology sets high standards for scanning both large and small 1D & 2D barcodes with precision. Moreover, the NQuire 1500 Mobula II is optimized for reading barcodes displayed on smartphone and tablet screens, enhancing its usability across various devices.

Flexible Mounting Landscape and Portrait
The NQuire 1500 Mobula II provides versatile mounting possibilities for both landscape and portrait orientations. Users have the flexibility to choose the position of the barcode reader and the back-lit Newland logo to suit the chosen orientation. With the classic Vesa75 configuration, seamless integration with established industry-standard solutions is guaranteed, simplifying the overall setup process.

Maximising Possibilities with NFC and MSR
The NQuire 1500 Mobula II has optional accessories for more connection and data capture, including an NFC module for contactless identification, secure access, or payment. The NQuire 1500 Mobula II also offers an MSR module to accommodate legacy applications.

Free Device Management Software
The NQuire 1500 Mobula 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 1500 Mobula 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

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
Buttons	Up/down keys, Vol+/Vol-keys, Menu key
Dimensions	380.5(W) x 246.5(D) x 33(H) mm
Display/Touch Panel	15.6"(1920 x 1080), brightness: 200 nits, Capacitive touchscreen
Front camera	8 MP
Interfaces	USB-C, 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

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)
WPAN RADIO	Bluetooth 5.2
WWAN RADIO	2G: 850/900/1800/1900MHz; 3G: WCDMA (B1, B2, 85, B8); CDMA: 1X EVDO (BC0); TD-SCDMA: B34/39; 4G: TDD-LTE (B34, B38, B39, B40, 841), 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 95% (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/
Configuration Tools	Ndevor
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, Multiplug adapter, MSR reader module, NFC reader module, NQuire IO Kit
Accessories Standard	Wall mount bracket Vesa75, Multiplug adapter
What's in the box?	
All versions	NQuire 1500 Mobula 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	STD1500 Foldable Desktop/Counter Stand for NQ1500 (STD1500) WMB750 Wall Mount Bracket for NQuire Series (WMB750)

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Feel free to contact us or a partner near you.
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