



NQuire 1000 Manta III

Touch Panel Computers

					
10.1" screen	1D & 2D	4G	Android 13	Bluetooth 5.2	Camera
					
GS1 Ready	I/O Ctrl	Megapixel	Ndevor	Optional MSR	Optional NFC
					
PoE	SD	Touchscreen	USB	Warranty 2 Years	WiFi Dual Band



Features

Large Multi-Purpose Touch Screen

The NQuire 1000 Manta III features a versatile 10.1" touchscreen, ensuring seamless interaction and user-friendly experience. With its large screen, the NQuire 1000 Manta III 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 1000 Manta III is designed to handle dynamic environments. Operating on the Android 13 platform, the NQuire Manta III 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 1000 Manta III ensures seamless communication.

High-Precision Barcode Scanning

At the core of the NQuire 1000 Manta III 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 1000 Manta III is optimized for reading barcodes displayed on smartphone and tablet screens, enhancing its usability across various devices.

Flexible Mounting Landscape and Portrait

The NQuire 1000 Manta III 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 1000 Manta III has optional accessories for more connection and data capture, including an NFC module for contactless identification, secure access, or payment. The NQuire 1000 Manta III also offers an MSR module to accommodate legacy applications.

Free Device Management Software

The NQuire 1000 Manta III comes with Newland's free MDM solution: Ndevor. This software facilitates the management of information from a shared database and the arrangement of applications and settings across individual device units, and it provides convenient troubleshooting assistance — all from a centralized location.

2 Years Full Warranty

Ndevor
NEWLAND SOFTWARE

SOTI
MOBICONTROL

Google GMS

HiQ
CERTIFIED

TECHNICAL SPECIFICATIONS

NQuire 1000 Manta III

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	251.7(W) × 173.5(D) × 32(H) mm
Display/Touch Panel	10.1"(1280 x 800), brightness: 290 nits, Capacitive touchscreen
Front camera	8 MP
Interfaces	USB-C, USB-A, Ethernet, GPIO, MicroSD Card
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	Beidou, GLONASS, Galileo, GPS (AGPS)
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: 850/900/1800/1900MHz; 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 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	
MDM (certified)	Ndevor
Warranty	
Comprehensive Service Contract	3 Years, 5 Years
Warranty Extension	+1 Year, +3 Years
Warranty Standard	2 Years
Accessories	
Accessories Optional	Multiplug adapter, Desktop stand Vesa75, Wall mount bracket Vesa75, MSR reader module, NFC reader module, NQuire IO Kit
Accessories Standard	Multiplug adapter, Wall mount bracket Vesa75
What's in the box?	
All versions	NQuire 1000 Manta III, 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)