



**NQuire 1000 Manta**  
Micro Kiosks

## Features

### Fully functioning CIT system.

With Octa-Core Cortex-A53 CPU up to 1.5GHz.

### Easy to install and use anywhere.

Ideally suited for shelf mounting or on-counter usage in department stores, supermarkets, small grocery stores, pharmacy/cosmetic stores, tobacco kiosks and more.

### Snappy reading performance.

Armed with Newland's EM2037-V4, 2D megapixel barcode scanner. The engine has a 20 degree scan angle for comfortable scanning of larger products. Also, available without a scanner.

### Easily build applications.

The NQuire 1000 Manta is built on Android 7.1, allowing for easy development of custom applications, tailored to your needs.

### Highly customizable with a broad range of features.

Dual band WiFi, Bluetooth embedded, front 5Mp camera, POE, speaker.

### Variety of mounting accessories.

Foldable desktop stand, VESA magnetic shelf stand, VESA wall mount.



## Suggested industries



Industrial



Manufacturing



Public Sector



Retail



Tourism

# NQuire 1000 Manta Technical specifications

## Performance

Image Sensor	CMOS 1280*800
Operating System	Android 7.1
Processor	RK3368, Octa-core Cortex-A53; up to 1.5 GHz , PowerVR G6110 GPU; up to 600MHZ
Memory RAM	2GB DDR3
Memory Flash	8GB Emmc
Illumination	Red LED(625±10 nm)
Aiming	Red LED(625±10 nm)
Minimal Print Contrast	25%
Scan Angle Roll	360°
Scan Angle Pitch	±55°
Scan Angle Skew	±55°
Field of View Horizontal	39°
Field of View Vertical	24°
Scan Modes	Sense Mode
Scan Rate	60 frames per second

## Data Capture

1D	All major 1D symbologies, including Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, GS1 Composite Code, Matrix 2 of 5, Code 11, Industrial 25, Standard 25, Plessey, MSI-Plessey.
2D	All major 2D symbologies, including PDF417, QR Code, Data Matrix, Chinese Sensible Code, Aztec Code, Maxicode, MicroPDF417.

## Physical

Dimensions (mm)	252 × 184 × 33mm
Weight	615 g
Material	PC, ABS
VESA standard	Metal Fitting mounting screw holes: 75*75 mm
Display	10.1" WXGA, 1280*800 TFT LCD display
Touch Panel	10 points Capacitive Touch
Buttons	(Vol+ / Vol-) / (Up / Down) / Exit / Power switch
Interfaces	USB 2.0 port, type A port, GPIO port
Input Voltage	DC12V±5%
Power Supply Input	DC12V, 2A
Power Supply Output	AC100~240V, 50~60Hz
Sensors	G Sensor
Power over Ethernet	RJ45 Ethernet, 10/100/1000 BaseT
Audio	1x 3.5mm Headset + MIC jack, 2x Integrated speakers 8Ω / 1.3W
Audio Jack	3.5mm earphone

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Specifications are subject to change without notice

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Pogo Pin	2x POGO-PIN
Expansion Slot	SD card
Camera	Front: 5.0 MP camera
Video	MKV, TS, FLV, AVI, VOB, MPG, DAT, ASF, RM, MOV, 3GP, MP4, WMV

## Environmental

Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-10°C to 55°C (14°F to 131°F)
Humidity	20% to 65% (40°C)
IP Rating	IP54

## Wireless

WLAN RADIO	IEEE 802.11 b/g/n/ac (2.4G), IEEE 802.11 a/b/g/n/ac (5G)
WPAN RADIO	Bluetooth 4.1
RFID	Optional

## Accessories

Standard	Multi-pin, multi-plug AC/DC adapter with power cord
Optional	VESA 75 Wall Mount

## Software

MDM (certified)	Ndevor, SOTI
Terminal Emulation (compatible)	Airwatch
Configuration Tools	Ndevor

## Certifications

Hardware	CE, FCC, RoHS
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## Warranty

Standard	2 years
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