| | | | | | |
|---|---|---|---|---|---|
| 1d | 2d | cmos megapixel | android | buckets | 10.1" color screen |
| nfc | wifi | poe | bluetooth | i/o cntrl | camera |
| touch screen | usb | | | | |

## NQuire 1000 Manta II

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 II 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.

## Buckets: Newland's MDM software.

Buckets allows you to monitor and manage all devices in the field from one central administrated location. This MDM software enables you to distribute your APK's, update firmware or settings and many other functions. Buckets MDM software is pre-installed on the NQuire 1000 Manta II and includes 5 years license-free usage.

# Application Scenarios

| | | | |
|---|---|---|---|
| access control | hospitality | point of sale | retail |
| self service | | | |

# NQuire 1000 Manta II  technical specifications

| Performance | | |
|---|---|---|
| | 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 |
| | Image Sensor | CMOS 1280*800 |
| | 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 | 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, etc. |
| | 2D | PDF417, QR Code, Data Matrix, Chinese Sensible Code, Aztec Code, Maxicode, MicroPDF417, etc. |

| Physical | | |
|---|---|---|
| | Dimensions (mm) | 252 × 184 × 33mm |
| | Weight | 615 g |
| | Material | PC, ABS |
| | VESA | 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 |
| | Pogo Pin | 2x POGO-PIN |
| | Expansion Slot | Micro 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) |
| | Sealing | IP54 |

| Wireless | | |
|---|---|---|
| | WLAN Radio | IEEE 802.11 b/g/n/ac (2.4G)，IEEE 802.11 a/b/g/n/ac (5G) |
| | WPAN Radio | BT 4.1 |
| | RFID | Optional |

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

| MDM | | |
|---|---|---|
| | Buckets | Supported |

| Certifications | | |
|---|---|---|
| | Certifications | CE, FCC, RoHS |

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