

N-Class

UNPRECEDENTED
Performance · Capability · Solution



Smart Card Reader

- Supports Class A, B, C, or AB cards
- ISO/IEC 7816

Camera (Front Facing)

- 2MP, 1080p@30fps

Mag Stripe Reader

- 3 Channel, Bi directional Card Reader
- Security: DES, Triple DES, AES Encryption
- Management: DUKPT Key Manager

Ultra-Rugged

- Sealed to IP65
- Shock and Vibration Tested to MIL-STD 810G
- Operating Temps Tested to MIL-STD 810F -20° to + 50° C



NOT TO SCALE

N5Print

Data collection technology reaches a new zenith.

The N5Print is an unprecedented Android™ device; a part of the “N-Class” series of rugged handheld devices designed specifically for demanding environments. Rain, sleet, snow, mud and sand can’t touch the MIL-STD 810G and IP65 certified exterior of the N5Print hardware. The N5Print is equipped with the powerful, sleek, user-friendly Android™ operating system. With a hot swappable battery, integrated 3” thermal printer, magnetic stripe reader and smart card reader, the N5Print is truly best in class!

Dimensions

- W 4.73” - H 10.8” - D 2.65”

Weight

- 26.7 oz. with new full paper roll
- 24.3 oz. without paper roll

OS

- Android™ OS v5.x.x

CPU

- Quad-core 2.3 GHz
- Qualcomm Snapdragon 800 (System Chip)

Display

- 5.7 in. Diagonal Super AMOLED® 1080 x 1920 pixels
- Multitouch Capacitive, Rain resistant when shield is attached
- Inductive Stylus (s-pen)
- Contrast Ratio: 402 nominal, 2,307:1

3G Network

- Carrier Specific

4G Network

- Carrier Specific

Computing Platform:

- SAMSUNG GALAXY NOTE® 3



NOT TO SCALE



The N5Scan is raising the bar for “all-in-one” scanning devices.

The N5Scan incorporates Honeywell's® N6603 Series Adaptus 6.0 technology for unparalleled 1D and 2D scanning performance that provides a better user experience. The N5Scan provides superior barcode reading with outstanding speed and accuracy. The Adaptus 6.0 technology features white illumination—a compact but powerful sensor that captures more detail and is exceptionally motion tolerant—making it easy to decode hard-to-read barcodes and tolerate challenging ambient light environments.

Dimensions

- W 4.73" - H 10.81" - D 2.62"

Weight

- 29.92 oz. with new full paper roll
- 27.36 oz. without paper roll

Function Keys

- Backlit
- Glove Friendly
- Fully Customizable*

*Multiple configuration options available.
- Must specify at time of order.

Batteries

Two Batteries:

- One Internal, Li-ion 3200 mAh battery
- One Hot Swappable, Li-ion 2500 mAh

Messaging

- SMS, MMS, Predictive Text Input

Email

- IMAP, POP3, SMTP
Microsoft Exchange



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N5EMV

Using the new EMV standard to receive payments, just got easier.

The N5EMV brings simplicity and convenience to chip card payments with enhanced protection from fraud. It can also accept contact and contactless payments and print receipts all from the same ultra-rugged handheld device. The N5EMV will conquer all mobile payment demands. The N5EMV is an unprecedented Android® device and part of the “N-Class” series of rugged handheld devices designed specifically for demanding environments.

Dimensions

- W 4.75" - H 10.85" - D 3.21"

Weight

- 29.76 oz. with new full paper roll
- 26.88 oz. without paper roll

Memory

- Internal: 16 GB
- 3 GB RAM

Memory Card*

- microSD, up to 128 GB
- (*contact a sales representative for more options)

SENSORS

- Accelerometer, Gyroscope, Compass, Thermometer, Gesture, Humidity, Barometer

SIM Card

- Micro-SIM (not accessible) Client/Carrier Provided



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N510

Lock down security with the N510 biometric reader.

The biometric reader on the N510 can be used for a wide range of applications requiring access control and critical identification. With a simple swipe of a finger, the N510 can track the attendance of employees, provide entry authorization, ID employees on-the-spot and complete a host of other security-related tasks. The N510 is FIPS 201 PIV Certified. With a MIL-STD 810G and IP65 certified exterior and a hot-swappable battery with three-shift capacity, the N510 can stand up to any environment. Bring it on!

Dimensions

- W 4.73" - H 10.81" - D 2.65"

Weight

- 28.32 oz. with new full paper roll
- 26.08 oz. without paper roll



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I/O Interface

- Charging and syncing with N-Class Dock

PRINTER SPECIFICATIONS

PRINT TECHNOLOGY

Printing Method	Direct Thermal
Print Resolution	203 dots/inch
Print Speed	50mm/Sec (max.) (2 ips)
Print Width	2.8 inches (72mm)

PRINTING SYSTEMS

Control	via SDK
Barcode Symbologies	Code 39, Code 128, 2of5, UPC-A, CODABAR (w and w/o HR text)
Graphics	8 Bit
Character Fonts	Courier, Sans Serif
Character Sizes (CPI)**	5.5, 10.2, 10.7, 12.7, 13.5, 14.5, 15.6, 16.9, 18.5, 20.3, 22.6, 25.4
Upgradeable Firmware	Yes
Sensors	Paper Out/ Black Mark, Door Open
Paper Type	Direct Thermal Roll / Variable length printing on Polyvinyl

PRINT MEDIA

Maximum Roll Diameter	1.6 in. (40 mm)
Roll Width	3.125 in. (80 mm)
Core Size	.7 in. (18 mm) (min.) 2T supplied rolls

Camera (Rear Facing)

- 13 MP color camera (4128 x 3096 pixels)
- Autofocus
- LED Flash
- Geo-Tagging
- 1D/2D Barcode Scanning via ZXING Barcode Software
- HDR
- Face Detection

Power Connector

- 3.5A Charging Port
- ## microUSB
- v2.0

Hand Strap

- Removable Hand Strap

Learn more about the Ultra-Rugged N-Class ▶ www.2T.com



Honeywell® N6603 Series Specifications

Illumination	White LED (exempt risk group)
Aiming	650 nm high-visibility red laser (class 2 laser safety)
Typical frame rate	60 frames per second (max.)
Motion Tolerance distance	Up to 584 cm (230") per second in total darkness with 100% UPC at 10 cm (4")
Field of View	Horizontal Field Angle: 42.4° Vertical Field Angle: 33°
Scan Angles	Tilt: 360°, Pitch: ± 45, Skew: ± 60°
Symbol Contrast	20% minimum reflectance
Symbologies	Linear: UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 32, Code 93, Codabar/NW7, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, MSI, Telepen, Trioptic, China Post 2D Stacked: PDF417, MicroPDF417, GS1 Composite 2D Matrix: Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code Postal: Intelligent Mail Barcode, Postal-4i, Australian Post, British Post, Canadian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code OCR Option: OCR-A, OCR-B, E13B (MICR)

STANDARD RANGE (SR) OPTICS

Symbology/X-Dim	Typical Range*	Resolution, linear barcodes: 0.127 mm (5.0 mil) Resolution, 2D matrix codes: 0.169 mm (6.7 mil) * Performance may be impacted by barcode quality and environmental condition.
100% U.P.C.	46 mm – 419 mm (1.8" – 16.5")	
5 mil Code 39	64 mm - 163 mm (2.5" - 6.4")	
10 mil Code 39	28 mm – 338 mm (1.1" – 13.3")	
6.7 mil PDF417	46 mm - 185 mm (1.8" - 7.3")	
10 mil Data Matrix	53 mm – 203 mm (2.1" – 8.0")	



EMV Specifications

EMV Card Reader	EMV/PBOC Chip card reader, ISO 7816 Compliant class A, B, C
Magnetic Stripe Card Reader	Dual Track (track 1 & 2, track 2 & 3)
Contactless Reader	EMV contactless, ISO 14443A/B
Key Management	DUKPT, MK/SK
Encryption Algorithm	TDES, AES
Certification (pending)	PBOC 3.0 EMV L1 & L2 MasterCard® PayPass™ EMV L1 Discover® Zip EMV L1 MasterCard® TQM EMV L1 & L2 VISA® Ready EMV L1 & L2 VISA® payWave EMV L1 AM EX® ExpressPay EMV L1 CUP Quick Pass EMV L1 MasterCard® Mobile POS EMV L1 & L2 AM EX® Enabled EMV L1 & L2



Touchchip® Sensor Specifications

Fingerprint Image	12.8 x 18.0 mm (256 x 360 pixels) 508 dpi, 8-bit grayscale FIPS 201 PIV certified
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Two Technologies, Inc.®

Hand Held Computers • Your Way • Since 1987

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