Panasonic CONNECT

4.7" Slim and Lightweight Android 11 Handheld Tablet with Optional Angled Barcode Reader

TOUGHBOOK N1

The TOUGHBOOK N1 is one of the thinnest and most lightweight handheld devices in the 4.7" category. The device offers numerous unique features, including an angled rear barcode reader which protects users from repetitive strain and enhances productivity, and an optional passive and active pen for precise handwriting and signature capture. This cutting edge device has been designed for mobile workers in the postal and courier services, transportation and logistics, emergency and public safety, utilities, retail, manufacturing and defence sectors.

Key Features

- Qualcomm® SDM660-2 Processor
- Android™ 11
- 4.7" Active Matrix (TFT) colour LCD 1280 x 720 (HD) LCD with sunlight-viewable glove-enabled capacitive touchscreen (minimum 500cd/m^2)
- Warm swap
- Tested to MIL-STD810G**, IP68

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TOUGHBOOK N1

https://ap.connect.panasonic.com/th/en/products/toughbook/toughbook-n1

Mobile Computing Platform	Qualcomm® SDM660-2 Processor
Operating System	Android 11
RAM	4GB
Storage	64GB eMMC
LCD	4.7" Active Matrix (TFT) colour LCD 1280 x 720 (HD) LCD with sunlight-viewable glove-enabled capacitive touchscreen (minimum 500cd/m²), support for active pen
Bluetooth™	5 Classic Mode (Class 1)
Wireless LAN	Qualcomm® WCN3980 (a/b/g/n/d/h/i/r/v/w)
Mobile Broadband*	LTE, HSPA+, UMTS, EDGE, GPRS, GSM (Data and Voice)
GPS	Embedded
NFC	Embedded supports Type A,B, ISO15693 and Felica
Sound	3 Microphones (x2 front, x1 rear) Speaker (up to 100 dB)
Security	FIPS140-2 level-1 compliant, Built-in ARM® TrustZone®
Front Camera	5 megapixel
Rear Camera	8 megapixel with LED light
Micro SD/SDXC Memory Card	x1
Barcode Reader	Ergonomic angled with laser aimer and light (N1) / Flat camera with LED aimer and light (N1 Flat), 1D/2D barcodes supported
Micro USB 2.0	x1
Headset	x1
Port Replicator	x1
Scan Buttons	x2
AC Adapter	USB charger and USB cable
Battery	Standard Battery: Li-Ion (1 cell, 12 Whr) end user replaceable Extended Battery*: Li-Ion (2 cell, 24Whr) end user replaceable (not available for N1 Flat)
Battery Life	Continous data access time***: up to 12 hours (Standard Battery) / 19 hours (Extended Battery)
Power Management	Warm Swap
Dimensions (WxHxD)	N1 with Standard Battery: 74mm x 156mm x 16.3mm / 31mm (at Barcode reader) N1 with Extended Battery: 74mm x 156mm x 26mm / 31mm (at Barcode reader) N1 Flat 74 mm x 156 mm x 18.3 mm
Weight	N1 with Standard Battery: Approx 274g N1 with Extended* battery: Approx 365g N1 Flat: Approx 255g
Drop Resistance	210cm**
Tumble Resistance	2,000 tumbles each 1.0m**
Dust Resistance	IEC529 (JIS C0920) IP6x
Water Resistance	IEC529 (JIS C0920) IPx8
Operating Temperature	-20°C to +50°C**
Included in the box	USB charger with micro USB cable, User Manual, Regulatory Guide
Footnote	*Optional **Tested by an independent third party lab following MIL-STD-810G and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14.3 ***Battery life measurement conditions: Wireless LAN, connection enabled; continuous access to the server while browsing; swipe every 1 second; page change every 30 seconds.