



TOUGHBOOK FZ-N1

4.7" SLIM AND LIGHTWEIGHT HANDHELD TABLET WITH ANGLED REAR BARCODE READER

The Toughbook FZ-N1 with Android™ 8.1 is one of the thinnest and most lightweight handheld tablets 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.

- Android™ 8.1
- 4G LTE / 3G data and voice capability
- Integrated 1D/2D angled rear barcode reader
- Qualcomm® SDM660-2 Octa-core processor
- 3GB RAM, 32GB storage and microSD card slot
- 4.7" HD (1280 x 720) sunlight-readable display with glove and rain mode
- Optional passive and active pen for precise signatures
- MIL-STD 810G certified with 2.1-metre drop* resistance
- IP66/ IP68 rated
- 8MP rear and 5MP front camera
- User-replaceable battery with warm-swap function
- NFC, Bluetooth 5.0, WiFi, micro USB port and docking connector
- Triple microphones for superior noise suppression
- Dual front speakers delivering in total up to 100 dBA

* Tested at independent third party lab following MIL-STD-810G and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14.3



A BETTER ANGLE ON BUSINESS

FULLY FEATURED 4.7" HANDHELD TABLET

The FZ-N1 brings together the best of handheld, smartphone and barcode reader functionality into a single rugged and hard working tablet. Thanks to its fully-rugged design, with MIL-STD-810G certification, IP66/IP68 rating, 2.1-metre drop resistance* and the ability to withstand as many as 1,000 tumbles from a height of 1 metre, the device delivers a long life span and very low TCO. The user-replaceable and warm-swappable battery, combined with a range of accessories such as carry and mounting solutions, make it a truly mobile device.



Mobile Computing Platform	Qualcomm® SD660-2 Octa-core processor 2.26Hz x4 + 1.86Hz x4
Operating system	Android™ 8.1
Memory & Storage	3GB RAM 32GB eMMC
Display	4.7" HD (1280x720 pixels), 16:9 aspect ratio Touchscreen: 10 point multi-touch capacitive touchscreen with glove and rain mode Sunlight viewable (up to 500 cd/m2) Anti reflective and anti glare screen treatments Supports both passive pen and active pen as default
Camera	Rear: 8 MP with bright LED light (Video: 1920 x 1080 pixels (FHD) 30 fps, Still: 3264 x 2448 pixels) Front: 5 MP (Video: 1920 x 1080 pixels (FHD) 30 fps, Still: 2592 x 1944 pixels)
Expansion Slots	Micro SDXC card slot (max. 64GB)
Interface	micro USB 2.0: x1 (for charging and data transfer) Cradle Interface: x1 Headset jack: x1 (3.5mm)
Connectivity	Bluetooth®: Version 5.0 (Class 1) WLAN: IEEE802.11 a/b/g/n/ac WWAN: LTE, HSPA+, UMTS, EDGE, GPRS, GSM GPS: GLONASS CEPS0 (±2 to 4m) NFC: Yes, (Support Type A,B, FeliCa, ISO15693)
Power	Battery: Standard: Li-ion 3.8V, 3200 mAh (typ.) / Large: Li-ion 3.8V, 6400 mAh (typ.) (option) On User Profile**: Approx. 12 hours - Standard Battery Approx. 19 hours - Large Battery (option) Talk time: Approx. 27 hours - Standard Battery Approx. 44 hours - Large Battery (option) AC Adapter (USB charger and USB cable)
Security technology	FIPS140-2-level-1 compliant, ARM® TrustZone® (Built-in)
Dimensions (W x H x D)	74mm x 156mm x 16.3mm/31mm (barcode reader section) - Standard Battery 74mm x 156mm x 26mm/31mm (barcode reader section) - Large Battery (option)
Weight	Approx. 274g - Standard Battery Approx. 365g - Large Battery (option)
Barcode	Angled rear barcode reader with aimer and light, 44 types of 1D/2D barcodes supported.
Accessories	Cradle: SG: FZ-VEBN111Y MY: FZ-VEBN1116 TH: FZ-VEBN1115 4-Bay Cradle: SG: FZ-VEBN121Y TH: FZ-VEBN1215 4-Bay Battery Charger: SG: FZ-VCBN121Y TH: FZ-VCBN1215 Active Stylus: FZ-VNPN11U Holster: FZ-VSTN12U Hand Strap: FZ-VSTN11AU Battery Pack: (S) FZ-VZSUN110U (L) FZ-VZSUN120U Protective film: FZ-VPFN11U Charging Cup: FZ-VCBN11U
Ruggedisation	MIL-STD-810G certified Fully rugged design with sealed ports Gravity drop resistance test: 210cm*** Tumble resistance test: 1.0m drop, 1,000 tumbles (2,000 drops) Dust & Water resistance test: IP66/ IP68*** Operating temperature: -20°C to +50°C (-4°F to 122°F) Storage temperature: -30°C to +70°C (-22°F to 158°F)

FZ-N1mk2

* Performance test does not guarantee against damage or malfunction

** Actual performance varies depending on usage conditions, connected peripherals, etc

*** Tested at independent third party lab following MIL-STD-810G and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14.3

DO NOT STARE INTO THE BARCODE READER'S BEAM. CLASS 2 LASER PRODUCT

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