

Introducing Panasonic™ Toughpad FZ-N1MK1

4.7" Fully Rugged Android Handheld Tablet.

The FZ-N1 brings together the best of handheld, smartphone and barcode reader functionality into a single rugged and hard working 4.7" tablet.

Thanks to its Fully Rugged design with MIL-STD-810G certification, IP68 rating, 1.8 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.

Along with the FZ-F1 Windows 10 IoT Mobile Enterprise version, the FZ-N1's state-of-the-art Qualcomm® quad-core processor, together with 2GB RAM, guarantees high performance.

- ✓ **Android™ 5.1.1**
- ✓ **2 GB RAM and 16GB eMMC storage**
- ✓ **IP68 rated** against dust and water**



Features

- Android™ 5.1.1
- Qualcomm® MSM8974AB 2.3GHz **quad-core processor**
- **2 GB RAM and 16GB eMMC storage**
- 4.7" HD (1280 x 720) **daylight-readable touchscreen** display with Glove & Rain mode
- MIL-STD 810G certified with **1.8 metre drop resistance****
- **IP68 rated**** against dust and water
- Ergonomic angled integrated **1D/2D Barcode Reader***
- NFC, **Bluetooth 4.1, WiFi**, Micro USB Port and Docking Connector
- 8MP Rear and **5MP Front Camera**
- **User replaceable high capacity battery** with warm swap function
- **Up to 8 hours continuous data access time**; up to 700 hours standby time
- **3 microphones** for intelligent noise cancellation
- **Loud volume twin speakers** (up to 100 dB)
- **-10°C to +50°C** operating temperature*

Technical Specifications



Big Ability. Small Dimensions

Mobile Computing Platform	Qualcomm® MSM8974AB 2.3GHz quad-core processor
Operating System	Android™ 5.1.1
RAM	2GB
Display	4.7" HD (1280 x 720) display 10 point multi touch capacitive touchscreen with glove and rain modes Daylight viewable (up to 500 cd/m2) Anti-reflective and anti-glare screen treatments
Storage	16 GB eMMC
Storage Expansion	Micro SDXC card slot (max. 64 GB)
Audio	3 mics (2x Front & 1x Rear) 2x Loud volume speaker (up to 100 dB) Dedicated noise suppressor chip
Camera	Rear: 8 MP rear camera with LED flash Front: 5 MP
Sensors	Ambient light sensor, digital compass, gyro and acceleration sensors
Power	Battery: Li-ion 3.8V, 3200 mAh User replaceable with warm swap function Battery Operating Time: Up to 8 hours continuous data access*** Up to 700 hours standby time Battery Charging Time: Full charge in Approx. 2 hours AC Adapter: Input: 100V-240V AC, 50Hz/60Hz, Output: 16V DC, 3.75A
Interfaces	Phone: x2 Micro SIM Card Slot (Requires reboot to switch SIMs) Micro USB 2.0: x1 (For charging and Data Transfer) DC-in: x1 (For quick charging) Docking Connector: x1 (13-pin) Headset Jack: x1 (3.5mm)
Wireless	Bluetooth: v4.1 (class 1) WLAN: IEEE802.11 a/b/g/n/ac GPS: 2m CEP50 (±2 to 4m) GLONASS NFC: Yes (Felica Type A, Type B)
Ruggedness	Fully rugged design with sealed ports, MIL-STD-810G certified, 1.8 metre drop resistant** IP68 rated** against dust and full immersion in water
Operating Environment	Temperature: -10°C to +50°C Humidity: 30% to 80% RH
Physical Dimensions	74 (W) x 156mm (H) x 16.3mm (D)
Weight	277g (with Barcode Reader)
Options*	Ergonomic angled Barcode Reader for reduced repetitive strain and enhanced productivity
Accessories	Standard Adapter Multi Battery Charger Hand Strap Single Device Cradle Multi Device Cradle (4 Bay) Holster Spare Battery Pack: Pistol Grip

*Optional. | **Tested at Panasonic factory.

*** Battery life measurement conditions: Wireless LAN connection enabled; continuous access to the server while browsing; swipe every 1 second; page change every 30 seconds, communication every 30 seconds. All brand names shown are the registered trademarks of the relevant companies. All rights reserved. All working conditions, times and figures quoted are optimum or ideal levels and may differ as a result of individual and local circumstance. Specifications are subject to change without notice.