

IP67
CERTIFIED

MIL-STD
810G
CERTIFIED



TOUGHPAD **FZ-N1** MK1

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, IP67 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
- 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**
- IP67 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*

*Optional. **Tested at Panasonic factory.

TOUGHPAD

Panasonic
BUSINESS

TOUGHPAD FZ-N1MK1

BIG ABILITY. SMALL DIMENSIONS.

The Toughpad FZ-N1 with Android™ 5.1.1 is one of the thinnest and most lightweight handheld tablets in the 4.7" category. Together with its 700 hour standby battery life, full military standard ruggedisation and ergonomic angled Barcode Reader, it delivers true next-generation performance for users spanning mobile workers in the postal and courier services, transportation and logistics, emergency and public safety, utilities, retail, manufacturing and defence sectors.



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** IP67 rated** against dust and 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

Dealer Details:

Blank area for dealer details.

*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
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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
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