Panasonic

TOUGHPAD FZ-N1

- Android 5.1.1

- Angled barcode scanner drives productivity

- Industry leading quad-core processor by Qualcomm®

- Dual SIM multi-carrier data support with cellular voice capability

- High volume 100db speaker with noise suppression and echo cancellation microphone

- MIL-STD-810G, 6' Drop, All-weather IP65 and IP67 Dust and Water-resistant design

- Patented rain sensing and glove touch enabled screen technology

- 3 Year Warranty with business class support

6-FOOT DROP RATING

IP65

IP67

MIL-STD-810G

FULLY RUGGED HANDHELD WITH A FLEXIBLE OPERATING SYSTEM AND UNIQUE BARCODE READER DESIGN.

Introducing the Panasonic Toughpad® N1 – the powerful, slim and fully-rugged handheld. It's the all-in-one tool you've been waiting for, and it's ideal for where work takes you each day. With a quad-core processor; angled rear-facing barcode reader; optional stylus pen; and long-lasting battery that is warm-swappable, you won't miss a beat. And when a flexible device is in demand, the Panasonic N1 delivers the Android Lollipop operating system, giving you the ability to develop in an open environment with thousands of enterprise grade applications at your fingertips. Plus, with built-in multi-carrier 4G LTE, voice capabilities, and dual SIM cards, the N1 is ready to go where business takes you. And if it takes a six-foot drop, don't worry—it can handle it, making it the choice for unrelenting conditions. So get to work. It can take it.

sales@mruggedmobile.com
www.mruggedmobile.com

M RUGGED
Mobile Technology
877-870-3806

TOUGHPAD®

DURABILITY	■ MIL-STD-810G (shock, vibration, rain, dust, sand, altitude, freeze/thaw, high/low temperature, temperature shock, humidity) ■ IP65 and IP67 sealed all-weather design ■ 6' drop-resistant and tumble tested (1000 tumbles, 3.3ft. 5 rpm) ■ Port covers ■ Raised bezel for LCD impact protection
SOFTWARE	■ Android 5.1.1[12]
CPU	■ Qualcomm® MSM8974AB 2.3GHz Quad Core
STORAGE & MEMORY	■ Memory 2GB[1] ■ Storage eMMC: 16 GB[1] – Additional storage available with optional Storage Card: SD (up to 2 GB), SDHC (up to 32 GB), SDXC (up to 64 GB)[2]
DISPLAY	■ 4.7" high definition 1280 x 720 daylight-viewable display ■ 10-point capacitive multi touch with glove touch mode – Optional Passive pen – Optional Active pen – Rain sensing touch mode[4] – 2-500 nit – VA display with direct bonding – Anti-reflective and anti-glare screen treatments – Automatic screen rotation
AUDIO	■ Integrated microphone x 3 ■ Loud volume twin speakers up to 100 db ■ Noise suppression and echo cancellation engine
KEYBOARD & INPUT	■ 10-point gloved multi touch + active stylus capability ■ 2-4 tablet buttons (user-definable) ■ On-screen QWERTY keyboard
SENSORS	■ Ambient light sensor, digital compass, gyro and acceleration sensors
CAMERAS	■ Full HD 5MP webcam ■ Full HD 8MP rear camera with LED light
EXPANSION	■ microSDXC (up to 64 GB)[2]
INTERFACE	■ Docking connector — 9-pin ■ Mini-USB 2.0 (x 1)[3] — 4-pin ■ Headphone & microphone — Mini-jack stereo ■ xPak interface — 9-pin
WIRELESS	■ Qualcomm® WCN3680B IEEE802.11 a/b/g/n/ac ■ Qualcomm® MSM874AB - 4G LTE, HSPA+, UMTS, EDGE, GPRS, GSM, CDMA 1x, EVDO Rev.A ■ Micro SIM card slot x 2 ■ Bluetooth® v4.1 LE (class 1) ■ GPS 2m CEP50 (±2 to 4m) GLONAS ■ Near Field Communication (NFC) – Type A, Type B, Felica
POWER SUPPLY[5,6,7,8,9]	■ Standard battery: Li-ion 3.8V, 3,200 mAh ■ Optional long life battery: Li-ion 3.8V, 6,400mAh ■ Standard battery operation: – Standby up to 700 hours; Talk up to 24 hours; Barcode up to 12 hours ■ Long life battery operation: – Standby up to 1400 hours; Talk up to 48 hours; Barcode up to 24 hours ■ Continuous use data: – 8 to 16 hours ■ Warm Swap: – Approx. 1 min. ■ Standard battery charging time: – Power on approx. 2 hours ■ Micro-USB Charging capability sold separately
POWER MANAGEMENT	■ Consumption approx. 18W ■ Warm swap battery - Keeps applications active up to 1 minute
SECURITY FEATURES	■ FIPS140-2 level-1 compliant ■ ARM® TrustZone® (Built-in)
WARRANTY	■ 3-year limited warranty, parts and labor
DIMENSIONS & WEIGHT[10,11]	■ 6.12"(L) x 2.92"(W) x 0.64"(H) ■ Approx. 0.62 lb.

KEY FEATURES
■ 1D/2D barcode reader
■ Optional magnetic stripe reader

ACCESSORIES
■ AC Adapter (3-prong) (Not included)	CF-AA6373AM
■ Charging Cup for FZ-N1, FZ-F1, (No Power Supply nor AC cord)	FZ-VCBN11U
■ Standard Battery 3,200mAh for FZ-N1, FZ-F1	FZ-VZSUN110U
■ Extended Battery 6,400mAh for FZ-N1, FZ-F1	FZ-VZSUN120U
■ Single Bay Cradle for FZ-N1, FZ-F1, built-in single battery charger with 60W Power Supply and AC cord	FZ-VEBN111U
■ 4-Bay Cradle for FZ-N1, FZ-F1 with 110W Power Supply and AC cord	FZ-VEBN121M
■ Passive optional Stylus	CF-VNP021U
■ Protective Film (10 Sheets) for FZ-N1, FZ-F1	FZ-VPFN11U
■ Holster with belt for FZ-N1, FZ-F1	FZ-VSTN12U
■ Hand strap (Lrg) for FZ-N1, FZ-F1	FZ-VSTN11U

Please consult your reseller or Panasonic representative before purchasing.
Specifications given herein may be changed at any time without prior notice.
[1] 1 MB = 1,048,576 bytes, 1 GB = 1,073,741,824 bytes
[2] Operation has been tested and confirmed using the following Panasonic brand memory cards: SD (up to 2 GB), SDHC (up to 32 GB), SDXC (up to 64 GB). Compatibility with other SD devices is not guaranteed.
[3] Does not guarantee operation of all USB-compatible peripherals.
[4] 1 finger point is available for water proof touch mode
[5] The AC adaptor is designed for use with power sources that supply up to 240 V AC. The included AC cord is designed for use with power sources that supply up to 300V AC.
[6] Actual performance varies depending on usage conditions, connected peripherals, etc. Typically, operating time is reduced in colder environments.
[7] Talk time may vary according to cellular network condition. Measured with VOIP application.
[8] When the battery is fully charged (or not being charged) and the unit is off.
[9] Rated power consumption.
[10] Actual size may vary by unit configuration.
[11] Average weight. Actual weight may vary by unit configuration.
[12] Product functionality cannot be guaranteed if the operating system is modified or replaced by the user or a third party.

LASER RADIATION
DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT
1mW MAX   630-680 nm
EN 60825-1:2007 IEC60825-1:2007

TOUGHPAD®