



FZ-E1

FULLY RUGGED WINDOWS HANDHELD

FEATURES INCLUDE:

- 5" HD (1280 x 720) Daylight Readable Touch Display
- Qualcomm Quad Core CPU
- 2GB Memory & 32GB Storage
- Up to 14 Hours Battery Life*
- MIL-STD-810G & IP68 Certified*
- Windows 10 IoT Mobile Enterprise OS



BIG ABILITY. SMALL DIMENSIONS.

The Toughpad FZ-E1 brings together the best of handheld, smartphone and Barcode reader* functionality into a single rugged and hard working 5" tablet. It is the ideal tool for mobile workers in the transportation & logistics, postal services, MoD, emergency & public safety, utilities, retail and manufacturing sectors.

Thanks to its fully-rugged design with MIL-STD-810G certification, IP68 ratings and 3 meter drop resistance, the FZ-E1 promises a long life span and very low TCO. With operating temperatures of -20°C to +60°C, glove & rain-enabled daylight-readable display and a high capacity 6200mAh battery, field workers can operate anywhere, anytime and for as long as they need.

FULLY FEATURED 5" HANDHELD TABLET

Despite its small 5" display form factor, the FZ-E1 comes packed with the ability of a smartphone, handheld and barcode reader* in a fully rugged IP68 water & dust proof design.

Its state of the art Qualcomm® 2.3 GHz quadcore processor together with 2GB RAM guarantees high performance. The user replaceable and hot swappable 6200 mAh battery comes as standard and offers an amazing 14 hours of continuous data access; 23 hours talk time or 1000 hours in standby

SPECIFICATION

CPU Options	Qualcomm® MSM8974AB Quad Core CPU (2.3GHz)
Memory	2GB Memory Onboard
Storage	32GB eMMC Onboard
I/O Ports	1 x Micro USB 2.0 (For Charging & Data Transfer) 1 x DC Input (For Quick Charging) 1 x Docking Connector 1 x 3.5mm Headset Jack 1 x User Configurable Buttons 1 x Dedicated Camera Button 2 x Volume Buttons 8 MP Rear Camera With LED Light 1.3 MP Front Facing Camera
Security Features	FIPS140-2 Level-1 Compliant Built-in ARM® TrustZone®
Expansion	1 x Micro SDXC Card Slot Max Storage Supported: 64GB
Communication	Bluetooth: v4.0 (Class 1) WLAN IEEE802.11 a/b/g/n/ac Voice & Data LTE, HSPA+, UMTS, EDGE, GPRS, GSM 1 x Micro SIM Slots GPS 2m CEP50 (±2 to 4m) GLONASS NFC (Felica Type A, Type B)
Power	Input: 100V-240V AC, 50Hz/60Hz Output: 16V DC, 3.75A
Battery	Li-ion 3.8V, 6200 mAh User Replaceable With Hot Swap Function Up to 14 Hours Battery Operating Time Up to 23 Hours Talktime Up to 1000 Hours Standby Time Up to 3.6 Hours Full Battery Charging Time
Sensors	Ambient Light Sensor Digital Compass Gyro & Acceleration Sensors

Display	5" HD IPS Daylight Viewable Display
Resolution	1280 x 720
Brightness	500 nits
Touchscreen	10 Point Capacitive Multi Touch Screen
Sound	3 Mics (2 x Front & 1 x Rear) 2 x Loud Volume Speaker (up to 100 dB)
Durability	Fully Rugged Design With Sealed Ports MIL-STD-810G Certified 3 Meter Drop Resistant Raised Bezel For LCD Impact Protection IP68 Rated (Submersible In Water Up to 1.5 Meters For 30 Minutes) -20°C to +60°C operating temperature
Dimensions	87.4 mm x 165 mm x 30.9 mm
Weight	426 g
Operating System	Windows 10 IoT Mobile Enterprise



PANASONIC_FZ_E1_DATASHEET_Rev1.pdf

Technical Specifications quoted are verified but do not indicate the maximum performance limitations of the equipment. Specifications are subject to change without notice. E & OE Issue A

