



TOUGH PAD FZ-E1

5" HANDHELD TABLET WITH BCR*, DATA & VOICE

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.

- Windows Embedded 8.1 Handheld
- 4G LTE / 3G Data and Voice capability
- Qualcomm® MSM8974AB 2.3 GHz Quad-core processor
- 2 GB RAM and 32GB flash storage
- 5" HD (1280 x 720) daylight-readable display with Glove & Rain mode
- MIL-STD 810G certified with 3 meter drop** resistance
- IP68 rated (Submersible in water up to 1.5 meters for 30 minutes)
- -20°C to +60°C operating temperature
- User replaceable high capacity battery with hot swap function
- Up to 14 hours continuous data access time; up to 23 hours talk time; up to 1000 hours standby time
- Integrated 1D/2D Barcode reader*
- Enterprise level security (FIPS140-2 level-1 compliant & Built-in ARM® TrustZone®)
- 3 microphones for intelligent noise cancellation
- Loud volume twin speakers (up to 100 dB)
- 2 user configurable buttons (for shortcut to applications)

*Optional

** Tested at Panasonic factory

BIG ABILITY. SMALL DIMENSIONS.

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



Mobile Computing Platform	Qualcomm® MSM8974AB 2.3 GHz Quad-core processor	
Operating system	Windows Embedded 8.1 Handheld	
RAM	2 GB	
Graphics	Adreno 330	
Display	5" 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 VA display with direct bonding
Storage	32 GB eMMC	
Storage expansion	micro SDXC card slot (max. 64 GB) 3 mics (2x Front & 1x Rear) 2x Loud volume speaker (up to 100 dB)	
Camera	Rear: Front:	8 MP rear camera with LED light 1.3 MP
Sensors	Ambient light sensor, digital compass, gyro and acceleration sensors	
Power	Battery: Battery operating time: Battery charging time: AC Adapter:	Li-ion 3.8V, 6200 mAh User replaceable with hot swap function up to 14 hours continous data access*** up to 23 hours talktime up to 1000 hours standby time 50% charge in 1.2 hours (Quick charging) Full charge in Approx. 3.6 hours Input: 100V-240V AC, 50Hz/60Hz, Output: 16V DC, 3.75A
Interfaces	Micro USB 2.0: DC-IN: Docking connector: Headset jack:	x1 (For charging and Data transfer) x1 (For quick charging) x1 (13 Pin) x1 (3.5mm)
Buttons:	User configurable buttons: Power on/off button: Dedicated camera button: Volume buttons:	x1 in the front (Search button) & x1 in the side x1 x1 (For rear camera) x2
Wireless	Bluetooth: WLAN: Voice & Data: Micro SIM slots: GPS: NFC:	v4.0 (class 1) IEEE802.11 a/b/g/n/ac LTE, HSPA+, UMTS, EDGE, GPRS, GSM x1 2m CEP50 (±2 to 4m) GLONASS Yes (Felica Type A, Type B)
Security	FIPS140-2 level-1 compliant, Built-in ARM® TrustZone®	
Ruggedness	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 (WxDxH)	87.4 x 165 x 30.9 mm {3.4" x 6.5" x 1.2"}	
Weight	Without BCR: approx. 426 g {0.94 lb.}	With BCR: approx. 432 g {0.95 lb.}
What's inside the box	FZ-E1 Handheld tablet, AC adapter and operating instructions manual	
Options	1D/2D Barcode reader (36 types of barcode supported)	
Accessories	Standard AC Adaptor (60W) AC Adaptor for Multi Device Cradle (110W) Single Device Cradle Multi Device Cradle (4-bay) Multi Battery Charger Hand Strap Corner Ring Holster Battery Pack (6200mAh)	CF-AA6373AE/G/T/D CF-AA5713AE/G/T FZ-VEBX111U FZ-VEBX121U FZ-VCBX111U FZ-WSTX111 FZ-WCRX111 FZ-VSTX111U FZ-VZSUX100J

***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.

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

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BUSINESS

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