



## TOUGHPAD FZ-X1 ATEX

### ATEX ZONE 2 CERTIFIED 5" HANDHELD TABLET WITH BCR, DATA & VOICE

The Toughpad FZ-X1 ATEX brings together the best of handheld, smartphone and barcode reader functionality into a single rugged 5" tablet. It is an ideal tool for ATEX zone 2 workers in the mining, oil & gas, large plants, chemical and pharmaceutical sectors. Thanks to its fully-rugged design with MIL-STD-810G certification, IP54 ratings and 1 meter drop resistance, the FZ-X1 ATEX promises a long life span and very low TCO. With operating temperatures of -20°C to +40°C, glove & rain-enabled daylight-readable display and a high capacity 6200mAh battery, ATEX zone 2 workers can operate anytime and for as long as they need.

- Android™ 5.1.1
- ATEX zone 2 certified\*
- 4G LTE / 3G data and voice capability
- Qualcomm® APQ8064T 1.7GHz Quad-core processor
- 5" HD (1280 x 720) daylight-readable display with glove & rain mode
- MIL-STD 810G certified with 1 meter drop\*\* resistance
- IP54 rated
- -20°C to +40°C operating temperature

- High capacity battery with up to 1000 hours standby time
- Integrated 1D/2D Barcode reader
- 3 microphones for intelligent noise cancellation
- Loud volume twin speakers (up to 100 dB)
- 4 user configurable buttons (for shortcut to applications)

\*Support ATEX Ex nA nC IIB T4 Gc. While at Zone 2, need to use with leather cover. Also accessing interfaces, changing SIM card, battery charging & replacing are not allowed at zone 2.

\*\* Tested at Panasonic factory and does not guarantee against damage and/or malfunction.



# BIG ABILITY. SMALL DIMENSIONS.

## FULLY FEATURED 5" HANDHELD TABLET

Despite its small 5" display form factor, the FZ-X1 ATEX comes packed with the ability of a smartphone, handheld and barcode reader in a fully rugged IP54 design. Its state of the art Qualcomm® quadcore processor together with 2GB RAM guarantees high performance. The high capacity 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.



Processor	Qualcomm® APQ8064T 1.7GHz Quad-core processor	
Operating system	Android™ 4.2.2	
RAM & Storage	2 GB RAM & 32 GB eMMC	
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)	
Storage expansion	micro SDXC card slot (max. 64 GB)	
Audio	3 mics (2x Front & 1x Rear) 2x Loud volume speaker (up to 100 dB)	
Camera	Rear:	8 MP rear camera with LED light
	Front:	1.3 MP
Sensors	Ambient light sensor, digital compass, gyro and acceleration sensors	
Power	Battery:	Li-ion 3.8V, 6200 mAh User replaceable with hot swap function*
	Battery operating time:	up to 14 hours continuous data access** up to 23 hours talktime up to 1000 hours standby time
	Battery charging time:	50% charge in 1 hour (Quick charging)* Full charge in Approx. 3 hours*
	AC Adapter:	Input: 100V-240V AC, 50Hz/60Hz, Output: 16V DC, 3.75A
Interfaces*	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)
Buttons:	User configurable buttons:	x3 in the front & x1 in the side
	Power on/off button:	x1
	Dedicated camera button:	x1 (For rear camera)
	Volume buttons:	x2
Wireless	Bluetooth:	v4.0 (class 1)
	WLAN:	IEEE802.11 a/b/g/n/ac
	Voice & Data:	LTE, HSPA+, UMTS, EDGE, GPRS, GSM
	Micro SIM slot*:	x1
	GPS:	2m CEP50 (±2 to 4m) GLONASS
	NFC:	Yes (Felica Type A, Type B)
Security	FIPS140-2 level-1 compliant, Built-in ARM® TrustZone®	
Barcode reader	Integrated 1D/2D Barcode reader	
Ruggedness	Fully rugged design with sealed ports, MIL-STD-810G certified, 1 meter drop resistant Raised bezel for LCD impact protection IP54 rated -20°C to +40°C operating temperature	
Dimensions (WxDxH)	188 x 101 x 45 mm {7.4" x 3.97" x 1.7"}	
Weight	With BCR: approx. 595 g {1.31 lb.}	
What's inside the box	FZ-X1 ATEX Handheld tablet, leather cover, AC adaptor and operating instructions manual	
Accessories	Standard AC Adaptor (60W)	CF-AA6373AE/G/T/D
	AC Adaptor for Multi Device Cradle (110W)	CF-AA5713AE/G/T
	Single Device Cradle	FZ-VEBX111U
	Multi Device Cradle (4-bay)	FZ-VEBX121U
	Multi Battery Charger	FZ-VCBX111U
	Battery Pack (6200mAh)	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

Google, Android and other marks are trademarks of Google Inc. The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License. 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.

Computer Product Solutions (CPS) BU, Panasonic System Communications Company Europe (PSCEU), Panasonic Marketing Europe GmbH, Hagenauer Straße 43, 65203 Wiesbaden, Germany.

**Panasonic**  
BUSINESS

www.toughbook.eu