



TOUGHPAD **FZ-X1** MK1.5 ATEX

INTRINSICALLY SAFE ZONE 2, 5" FULLY RUGGED ATEX ANDROID HANDHELD TABLET

The Toughpad FZ-X1 brings together the best of handheld and tablet functionality into a single rugged and hard working 5" Toughpad. 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, IP54 ratings and 100cm drop resistance, the FZ-X1 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, field workers can operate anywhere, anytime and for as long as they need.

- Android™ 5.1.1
- Qualcomm® APQ8064T 1.7GHz Quad-core processor
- ATEX Zone 2 Ex nA nC IIB Gc intrinsically safe certification*
- 2 GB RAM and 32GB eMMC storage
- 5" HD (1280 x 720) daylight-readable display with Glove & Rain mode
- MIL-STD 810G certified with 100cm drop** resistance
- IP54 rated** against dust and water ingress
- User replaceable high capacity battery with hot swap function***
- Up to 14 hours continuous data access time; up to 1000 hours standby time
- 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)

* Included leather case must be used for Zone 2 compliance and not removed while used in hazardous environments.

** Tested at Panasonic factory.

*** Battery charging and replacement is not permitted when used in Zone 2 hazardous environments.

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BUSINESS

TOUGH PAD FZ-X1 MK1.5 ATEX

BIG ABILITY. SMALL DIMENSIONS. ATEX ZONE 2 CERTIFICATION.

Despite its small 5" display form factor, the FZ-X1 comes packed with the ability of a handheld tablet in a fully rugged IP54 water & dust proof design. Its state of the art Qualcomm® 1.7 GHz quadcore processor together with 2GB RAM guarantees high performance.



Mobile Computing Platform	Qualcomm® APQ8064T 1.7GHz Quad-core processor	
Operating System	Android™ 5.1.1	
RAM	2GB	
Graphic Chip	Adreno 320	
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	
Storage	32 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 light	Front: 1.3 MP
Sensors	Ambient light sensor, digital compass, gyro and acceleration sensors	
Power	Battery: Li-ion 3.8V, 6200 mAh	
	Battery Operating Time:	
	Up to 14 hours continuous data access**	Up to 1000 hours standby time
	Battery Charging Time:	
	50% charge in 1 hour (Quick charging)	Full charge in Approx. 3 hours
Interfaces	AC Adapter: Input: 100V-240V AC, 50Hz/60Hz, Output: 16V DC, 3.75A	
	Phone:	x1 Micro SIM Card Slot
	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:	v4.0 (class 1)
	WLAN:	IEEE802.11 a/b/g/n/ac
	GPS:	2m CEP50 (±2 to 4m) GLONASS
	NFC:	Yes (Felica Type A, Type B)
Security Features	FIPS140-2 level-1 compliant, Built-in ARM® TrustZone®	
Ruggedness	Fully rugged design with sealed ports, MIL-STD-810G certified, 100cm drop resistant*	
	Raised bezel for LCD impact protection IP54 rated against dust & water ingress	
Operating Environment	Temperature:	-20°C to +40°C
	Humidity:	30% to 80% RH
Physical Dimensions	101 (W) x 188mm (H) x 45mm (D) (including Leather case, without protruding parts)	
Weight	595g (including Leather Case)	
Accessories	Standard Adapter: CF-AA6373AM	Multi Battery Charger: FZ-VCBX111A
	AC Adapter for Multi Device Cradle (110W): CF-AA5713AM	Hand Strap: FZ-WSTX111 (as standard)
	Single Device Cradle: FZ-VEBX111U	Corner Ring: FZ-WCRX111
	Multi Device Cradle (4-bay): FZ-VEBX121A	Holster: FZ-VSTX111U
	Battery Pack (6200mAh): FZ-VZSUX100J	Pistol Grip: FZ-VGGX111U

*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 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. Do not stare into the Barcode Reader's Beam. Class 2 Laser Product. Specifications are subject to change without notice. Publication date: June 2018.

Dealer Details: