









TOUGHPAD FZ-F1

4.7" SLIM AND LIGHTWEIGHT HANDHELD TABLET WITH ANGLED REAR BARCODE READER

The Toughpad FZ-F1 with Windows 10 IoT Mobile Enterprise is one of the thinnest and most lightweight handheld tablets in the 4.7" category. The device offers numerous unique features, including an angled rear barcode reader which protects users from repetitive strain and enhances productivity, and an optional passive and active pen for precise handwriting and signature capture.

This cutting-edge device has been designed for mobile workers in the postal and courier services, transportation and logistics, emergency and public safety, utilities, retail, manufacturing and defence sectors.

- Windows 10 IoT Mobile Enterprise
- 4G LTE / 3G data and voice capability
- Integrated 1D/2D angled rear barcode reader
- Qualcomm® MSM8974AB 2.3 GHz Quad-core processor
- 2 GB RAM, 16 GB storage and microSD card slot
- 4.7" HD (1280 x 720) daylight-readable display with glove and rain
- Optional passive and active pen for precise signatures
- MIL-STD 810G certified with 1.8-metre drop resistance

- IP67 rated (submersible in water up to 1 metre for 30 minutes)
- 8MP rear and 5MP front camera
- User-replaceable battery with warm-swap function
- NFC, Bluetooth 4.1, WiFi, micro USB port and docking connector
- Triple microphones for superior noise suppression
- Dual front speakers delivering in total up to 100 dBA
- FIPS 140-2 level-1 compliant
- ARM® TrustZone® (Built-in), TPM (TCG V2.0 compliant)







A BETTER ANGLE ON BUSINESS

FULLY FEATURED 4.7" HANDHELD TABLET

The FZ-F1 brings together the best of handheld, smartphone and barcode reader functionality into a single rugged and hard working tablet. Thanks to its fully-rugged design, with MIL-STD-810G certification, IP67 rating, 1.8-metre drop resistance* and the ability to withstand as many as 1,000 tumbles from a height of 1 metre, the device delivers a long life span and very low TCO. The user-replaceable and warmswappable battery, combined with a range of ac









Display Window	: ent light sensor, Digital compass, Gyro sensor, Acceleratio ry (Standard / Extended*): ry operating time (Standard / Extended*): lapter for charging via micro USB port: lapter for cradle and charging Cup:	Anti-reflective and anti-glare screen treatments 44 types of 10/20 barcodes supported 8 MP rear camera with bright LED Light (Video: 1920 x 1080 pixels (FHD) 30 fps, Still: 3264 x 2448 pixels (8MP)) 5 MP (Video: 1920 x 1080 pixels (FHD) 30 fps, Still: 2592 x 1944 pixels (5MP))
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Charging AC Ad AC Ad Charg	lapter for charging via micro USB port: lapter for cradle and charging Cup:	Talk time: up to 24 hours / 48 hours
AC Ad Charg	lapter for cradle and charging Cup:	•
AC Ad Charg	lapter for cradle and charging Cup:	Standay time. up to 050 nours / 1200 nours
AC Ad Charg	lapter for cradle and charging Cup:	USB charger with micro USB cable (Inbox)
Charg Interfaces micro		AC Adapter 16V 3.75A (Optional)
Interfaces micro	ing time with cradle or charging cup:	Approx. 2 hours (Power on, with Standard battery)
	and that orders or onerging cap.	Approx. 4 hours (Power on, with extended battery)*
	USB 2.0:	x1 (For charging and data transfer)
	ing connector:	x1
Gadge	et interface:	х1
Heads	set jack:	x1 (3.5mm)
Buttons: User o	configurable buttons:	x3 (front 'Search' button, left yellow and right yellow buttons)
Power	r on/off button:	x1
Dedic	ated camera button:	x1 (For rear or front camera)
Volum	ne buttons:	x2
Wireless Blueto		v4.1 (class 1)
WLAN		IEEE802.11 a/b/g/n/ac
	& Data:	LTE, HSPA+, UMTS, EDGE, GPRS, GSM
	SIM slots:	x2 (Dual SIM Single standby)***
GPS:		GPS / GLONASS CEP50 (±2 to 4 m)
NFC:	10.01 1.4 II I D III ADM ® T 17 ®	Yes (Type A, Type B and Felica)
	FIPS140-2 level-1 compliant, Built-in ARM ® TrustZone ®	
	Fully rugged design with sealed ports, MIL-STD-8106 certified, 1.8 metre drop resistant (on concrete)	
	drops (1,000 tumbles) each 1.0 m {3.2 ft.}	
	d bezel for LCD impact protection	
	IP67 rated (submersible in water up to 1 metre for 30 minutes)	
	-10°C to +50°C operating temperature With Standard Pattors 7, mm v 155 mm v 14.2 mm / 21mm (Pascada coadar agotica) 12.0" v 4.1" v 0.4"/1.2" (Pascada coadar agotica) \ (without avatruding agota)	
	With Standard Battery: 74 mm x 156 mm x 16.3 mm / 31mm (Barcode reader section) {2.9" x 6.1" x 0.6"/1.2" (Barcode reader section) } (without protruding parts) With Extended* Battery: 74 mm x 156 mm x 26 mm / 31mm (Barcode reader section) {2.9" x 6.1" x 1.0"/1.2" (Barcode reader section) } (without protruding parts)	
	With Standard battery: 277g (0.61lb.)	
	Extended* battery: 368g (0.81 lb.)	
	Handheld tablet, standard battery, USB charger with micro	n IISR cable and operation instructions manual
	e device cradle	o oob casee and operating more actions manual
J.	ging cup with stand	
· · ·	AC adapter for charging cup with stand (60W)	
	Multi device cradle (4-bay)	
	laptor for multi device cradle (110W)	
	strap	
Holste	•	
	le mount	
	Standard battery pack (3200mAh)	
	Extended battery pack (6400mAh)	
	Shatterproof film Passive pen	
Passiv Active	•	

* Optional. **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. ***Dual SIM - Single Standby (at any given instance only one SIM is active and the device could be switched to the other SIM by GUI).

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