



## TOUGH PAD FZ-A1

The 10.1" Android™-powered Toughpad FZ-A1 delivers true ruggedness, security and communication required by mobile business and government. It is ideal for highly mobile outdoor workers in challenging conditions, it's designed to meet durability standards on drop resistance as well as meeting ingress protection ratings on dust and water. The CPU in the tablet incorporates a dedicated security processor, which provides a high level of tamper resistance and frees up the multi-purpose CPU core for other tasks. The business matte, antireflective screen with digitizer provides true daylight visibility together with 10 hours' battery life, integrated GPS and replaceable battery.

- Android™ 4.0
- Marvell® 1.2GHz dual-core processor
- Dedicated security processor core, FIPS 140-2 Level 2 compliant
- 10.1" Multi-Touch Display and Digitizer
- Up to 500cd/m<sup>2</sup> brightness with anti glare/reflection film
- Satellite GPS and digital compass
- Up to 10 hours battery life
- Drop resistant from a height of 180cm, MIL-STD 810G compliant\*
- Water / Dust protected, IP65 compliant\*

\* Tested at Panasonic Factory.



## MOBILE BUSINESS EXCELLENCE

The 10.1" Android™-powered Toughpad FZ-A1 is ideal for highly mobile outdoor workers in challenging conditions and designed to meet durability standards on drop resistance as well as meeting ingress protection ratings on dust and water. The CPU in the tablet incorporates a dedicated security processor, which provides high level of tampering resistance and frees up the multi-purpose CPU core for other tasks. The business matt, anti-reflective screen with digitizer provides true daylight visibility together with 10 hours battery life, integrated GPS and replaceable battery.



CPU	Marvell® 1.2GHz dual-core processor	
Operating System	Android 4.0	
Display	10.1" XGA (1024x768) TFT, up to 500cd/m <sub>2</sub> brightness with ambient light sensor, anti glare/reflection film	
Input Method	Capacitive multi touchscreen and digitizer	
Buttons	Power Button, User Button, Back Button, Home Button, Menu Button	
Memory	1GB	
Internal Storage	16GB	
Audio	Speaker	Water proof mono speaker
	Microphone	Mono microphone
Integrated Camera	Front facing	2MP
	Rear facing	5MP with LED flash
Wireless	Wireless LAN	IEEE802.11 a/b/g/n
	Bluetooth	2.1 + EDR
	3G (optional)	Ericsson F5521gw (HSPA+, up to 21Mbps)
	GPS	Satellite GPS
Interfaces	Docking Connector	x1
	Micro USB 2.0	x1
	Micro HDMI	x1
	Micro SDHC	x1 (up to 32GB)
	SIM card	x1 (3G model only)
	Audio	x1
	DC-In	x1
	Security	Dedicated security processor core
Marvell® Trusted Boot		
Marvell® hardware assisted storage encryption		
AuthenTec® Mobile Security		
McAfee Mobile Security (trial version)		
Battery	AC adaptor	Input: 100 V - 240 V AC, 50 Hz/60 Hz, Output: 12 V DC, 2 A
	Battery	Replaceable Li-Ion (33.9Wh)
	Battery Life	Approx. 10 hours
Dimensions	266.3mm x 177mm x 212mm {10.5" x 0.67" x 8.35"}	
Weight	993g without Pen	
Sensors	Ambient light sensor	
	Digital compass	
	Accelerometer	
	Digital compass	
Testing Standards	Water resistance test:	IPx5*
	Dust resistance test:	IP6x*
	Gravity drop resistance test:	180cm (unit power off)*
	Temperature (operating)	-10 °C to 50 °C {14 °F to 122 °F}*
Applications**	Red Bend Software OMA-DM Client, Set-up Wizard, Google Phone-top Search, Gmail™ (for Germany Google Mail), Google Calendar™, Google Talk™, YouTube™ (except Belgium and Turkey), Google Maps™ for Mobile, Google Maps™ with Street View, Contact Sync, Android™ Market Client, Google Voice Search™, Network Location Provider, Google Backup Transport (Optional), Panasonic Dashboard, Panasonic User Button Manager, Panasonic Device Manager, Online Manual, RedBend OMA-DM Client, Adobe Reader	

\* Tested at Panasonic Factory.

\*\* Pre-installed applications might be changed without notice

Active Matrix colour display conforms to industry standards. Some displays may contain isolated illuminated or dark pixels as an artefact of the manufacturing process (effective pixels: minimum 99.998%). RAM capacity calculated as follows: 1MB = 1,048,576 bytes. HDD capacity calculated as follows: 1GB = 1,000,000,000 bytes. Toughpad and Toughbook are brand names and registered trademarks of Panasonic Corporation. Google, the Google logo, YouTube and Android are trademarks of Google Inc. Acrobat® is a registered trademark of Adobe® Systems Incorporated. All other 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 circumstances. Panasonic Marketing Europe GmbH, Panasonic Computer Products Europe Headquarters, Hagenauer Straße 43, 65203 Wiesbaden (Germany).

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