

Panasonic recommends Windows 10 Pro



## TOUGHBOOK **FZ-G1** MK5

LIGHTWEIGHT, FULLY RUGGED WINDOWS 10 TABLET WITH 10.1" OUTDOOR WUXGA DISPLAY

Designed for highly mobile field workers, Panasonic's FZ-G1 Toughpad is an ultra thin and lightweight fully-rugged 10.1" tablet running Windows 10 Pro. Powered by a seventh generation Intel® Core™ i5 vPro Processor with an all-weather IP65 dust and water-resistant design, and full

MIL-STD certification against heat and cold, drops and shocks, vibration and more the FZ-G1 tablet leads the way in rugged mobile computing.

Add to that a WUXGA daylight-readable 10-point multi-touch + digitiser screen, and it becomes an essential tool for mobile field workers.



- Ultra thin (19mm) and lightweight (1.1kg) fully-rugged 10.1" Windows 10 Pro tablet
- 10.1" WUXGA (1920 x 1200) daylight-readable (up to 800cd/m2) 10-point multi-touch display with digitiser
- All weather IP65 rated dust and water-resistant design
- USB 3.0 & HDMI; optional dedicated GPS, Serial, Ethernet, MicroSD, 2nd USB, or Smartcard Reader
- User exchangeable battery provides up to 13 hours of continuous use
- Wi-Fi, Bluetooth with optional 4G
- 7th Generation Intel® Core™ i5 vPro Processor.

**TOUGHBOOK**

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BUSINESS

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# TOUGHPAD FZ-G1 MK5

## MOBILE BUSINESS EXCELLENCE



The Toughpad FZ-G1 shares its DNA with the Toughbook family of products from Panasonic, combining ergonomic and durable design that has made Toughbook the world leading choice for field workers. Panasonic has created the fully rugged, highly mobile and lightweight Toughpad FZ-G1 Windows 10 tablet to answer the needs of organisations that require Windows 10 functionality and military standard ruggedisation for their outdoor field working challenges. Never before has so much capability, flexibility and performance been packed into such a small form factor.



Mobile Computing Platform	Intel® Core™ i5-7300U vPro™ Processor (2.6GHz with turbo boost up to 3.5GHz, 3MB Intel® Smart Cache)		
Operating System	Windows 10 Pro		
Chipset	Built in CPU		
Storage	128 GB SSD (Serial ATA) (Optional 256GB or 512GB not user upgradeable)		
RAM	8GB DDR3L SDRAM		
LCD	10.1" daylight-viewable WUXGA Active Matrix TFT IPS colour LCD with circular polarizer (up to 800cd/m <sup>2</sup> brightness)		
Touchscreen	10 finger capacitive multi-touchscreen + 2 button digitiser (pen, finger and glove modes)		
Camera	Front:	2MP FHD 1920 x 1080 dots	
	Rear:	8MP with LED flash, max 3264 x 2448 dots	
Bluetooth®	Version 4.2 + EDR Class 1		
WLAN	Intel® Dual Band Wireless AC-8265 802.11 a/b/g/n/ac compliant		
4G Mobile Broadband*	Optional Sierra Wireless EM7430 with 700Mhz band 28 support		
LAN (optional)**	1000BASE-T/ 100BASE-TX/ 10Base-T		
Sound	Water/Dust resistant mono speaker with internal mic for webcam		
Interface (Standard)	USB 3.0:	x1	
	HDMI:	x1	
	Headset:	x1	
	Port Replicator Connector:	24-pin	
	Ambient Light Sensor:	x1	
	Antenna Pass Through:	Dual	
Integrated Option Area Top*	GPS (Ublox): FZ-WGPG121	USB 2.0: FZ-WUBG111	
	LAN: FZ-WLNG121	Micro SD: FZ-WSLG121	
	True Serial: FZ-WSRG111	Thermal/Hello camera	
Integrated Option Area Rear*	Smartcard Reader: FZ-WSCG121	Hot Swap Bridge Battery: FZ-WHSG131	
Integrated Option Other*	4G - Sierra Wireless EM7430	30 channel GPS	
Desktop Port Replicator (opt)	FZ-VEBG11U - LAN, USB 3.0 x 2, HDMI, VGA, Serial, Security Lock		
Power	AC Adapter:	Input: 100V - 240V AC, 50Hz/60Hz Output: 16V DC, 4.06A	
	Battery:	Li-ion 10.8V, 4200 mAh (standard) Li-ion 10.8V, 9300 mAh (large)	
	Operating Time:	Up to 13 hours (up to 26 hours with large capacity battery)	
	Charging Time:	3 hours (power on)/2.5 hours (power off)	
Security Features	TPM (Trusted Platform Module, TCG V2.0 compliant)		
Physical Dimensions	270 mm (W) x 188 mm (H) x 19mm (D)		
Weight	Approx 1.1 kg		
Operating Environment	Temperature: -20°C to 60°C		
	Humidity: 95% RH (no condensation)**		
Accessories	AC Adapter: CF-AA6413CM	Waterproof Digitiser Pen: FZ-VNPG12U	
	Lind DC Adapter: PA1555-877	Tether: FZ-VNTG11U	
	Battery pack (6 cell): FZ-VZSU84U	Desktop Port Replicator: FZ-VEBG11AU	
	Battery pack (9 cell): FZ-VZSU88U	Havis Vehicle Dock with RF: DS-PAN-701-2	
	Lind 3-day battery charger: FZ-LND3BAYG1	GJ Vehicle Dock with RF: 7160-0487-02-P	
	Battery Charger & Adapter: CF-VCBTB3W & FZ-VCBAG11U	GJ Vehicle Cradle: 7160-0490-00	
	Protective Film: FZ-VPFG11U		
Testing Standards	Water resistance test:	IP-65***	Dust resistance test: IP-65***
	Gravity drop resistance test:	120cm***	

\*Option combinations are varied. Please consult with your rep for further info.  
 \*\* Conditions: If Battery Pack, LCD, Flash Memory Drive, Touch Panel or Li-on battery are broken within warranty periods, fee may be applicable. To avoid degradation of battery life, the following measures should be taken: If temperature of battery is less than 0°C, or greater than 60°C, battery charging should be stopped. If the temperature of the battery is greater than 50°C, the device will not charge. Peripherals have operating temperature of -10°C to 50°C. Under low temperature environments, battery life is significantly reduced.  
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 Publication date: May 2019