



# TOUGHPAD FZ-G1

## LIGHTWEIGHT, FULLY RUGGED WINDOWS 10 PRO TABLET WITH 10.1" NEXT GENERATION OUTDOOR FULL-HD DISPLAY

The fully rugged Toughpad FZ-G1 tablet sets the new benchmark for outdoor viewable tablets making it ideal for field workforces in outdoor scenarios. With its capacitive, 10-finger multi-touch display and digitizer pen and flexible configurable ports this Windows 10 Pro device can be used to view high definition documentation and images in the field whilst benefitting from connectivity options to ensure data is always available when needed. The flexible configuration port gives business users the legacy port options they require in a compact, fully rugged and lightweight form factor.

- Intel® Core™ i5-7300U vPro™ Processor
- Windows 10 Pro
- Intel® HD Graphics 620
- Next generation IPS $\alpha$  outdoor display technology
- 10.1" high brightness WUXGA (1920x1200) display (up to 800cd/m<sup>2</sup>)
- Capacitive 10 finger multi-touchscreen + digitizer
- 180 cm drop resistant\*
- Water and dust resistant (IP65)\*
- Up to 11 hours battery life
- User exchangeable battery
- Optional Hot swap function
- Flexible configuration port (serial, LAN, micro SD, USB 2.0 or Thermal by FLIR)
- Lightweight design - weights approx. 1.1kg

\* Tested by an independent third party lab following MIL-STD-810G and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14.3



**TOUGHPAD**



## MOBILE BUSINESS EXCELLENCE

FOR FIELD PROFESSIONALS WHO FACE THE TOUGHEST CHALLENGES

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 best choice for field workforces. Panasonic has created the fully rugged, highly mobile and lightweight Toughpad FZ-G1 Windows 10 Pro tablet to answer the needs of organisations that require Windows 10 Pro functionality in a dependable tablet for their outdoor field working challenges. Never before has so much capability, flexibility and performance been packed into such a small form factor with premium outdoor viewing quality and lightweight, mobile tablet design.



Mobile Computing Platform	Intel® Core™ i5-7300U vPro™ processor (2.6GHz, 3MB Intel® Smart Cache)
Operating System	Windows 10 Pro
RAM	8GB
Graphic Chip	Intel® HD Graphics 620
Camera	Front: 2 MP Rear: 8 MP with autofocus and LED light
Storage	256 GB Solid State Drive (Serial ATA)
LCD	10.1" sunlight-viewable WUXGA Active Matrix (TFT) IPSx colour LCD (up to 800cd/m <sup>2</sup> brightness)
Touchscreen	10 finger capacitive multi-touchscreen + digitizer
Bluetooth®	Version 4.1 + EDR Class 1
WLAN	Intel® Dual Band Wireless-AC 8265
Mobile Broadband	Optional LTE
LAN	Optional 1000BASE-T / 100BASE-TX / 10Base-T
Sound	WAVE and MIDI playback, Intel® High Definition Audio subsystem support, Microphone arrays (built-in)
Interface	USB 3.0: x1 USB 2.0: x1 (optional, configuration port*) LAN Connector: RJ-45 (optional, configuration port*) Serial (16550A compatible): D-sub, 9-pin (optional, configuration port*) HDMI: x1 Headset: x1 Port Replicator Connector: 24-pin Dual External Antenna Connector: x1
Expansion slots	Micro SD/SDXC Memory Card: x1 (optional, configuration port*)
Power	AC Adapter: Input: 100V - 240V AC, 50Hz/60Hz, Output: 16V DC, 4.06A Battery: Li-Ion (11.1V, 4200mAh) Operating Time: 11 hours, MobileMark™ 2014, 150cd/m <sup>2</sup>
Security Features	TPM (Trusted Platform Module, TCG V2.0 compliant), Integrated hardware security lock slot, Password security (supervisor password, user password, HDD lock)
Physical Dimensions (W x D x H)	270 mm x 188 mm x 19 mm {10.6" x 7.4" x 0.75"}
Weight	Approx. 1.1kg {Approx. 2.43 lbs}
Options	GPS (configuration port*), Hot Swap Bridge Battery, Smartcard Reader, Thermal by FLIR (configuration port*)
Accessories	AC Adapter: CF-AA6413CE/T/G Battery Charger: PCPE-FZG1CA1 Battery Pack (6 cell): FZ-VZSU84A2U Battery Pack (9cell, needs PCPE-FZG1H01): FZ-VZSU88U Desktop Cradle: FZ-VEBG11U Digitizer Pen: FZ-VNPG11U Handstrap + Corner Guards: PCPE-FZG1H01 LCD Protection Film: FZ-VPFG11U Carrying Solutions: Please visit <a href="http://www.toughbook.eu">www.toughbook.eu</a>
Testing Standards	Water resistance test: IP-X5** Dust resistance test: IP-6X** Gravity drop resistance test: 180 cm** Operating temperature: -29°C to +60°C {-20°F to 145°F} Storage temperature: -51°C to +71°C {-60°F to 160°F}
Standard Configuration	FZ-G1mk5, 8GB RAM, 256GB SSD, LAN, digitizer pen
Included in Box	Power Supply, Power Cord, User Manual

FZ-G1mk5: 02.08.2018

\*One option exclusive possible in configuration port

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## BUSINESS

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