



## 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™ i5-6300U vPro™ Processor
- Windows 10 Pro
- Intel® HD Graphics 520
- 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
- 120 cm drop resistant\*
- Water and dust resistant (IP65)\*
- Up to 14 hours battery life
- User exchangeable battery
- Optional Hot swap function
- Flexible configuration port (serial, LAN, micro SD or USB 2.0)
- Lightweight design - weighs approx. 1.1kg

\* Tested by an independent third party lab



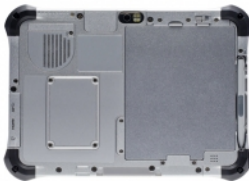
**TOUGHPAD**



# 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™ i5-6300U vPro™ Processor 2.4 GHz up to 3.0 GHz with Intel® Turbo Boost Technology, 3MB cache
Operating System	Windows 10 Pro
Memory & Storage	4GB on board, 8GB option 128GB SSD, Option., 256GB/512GB
Display	10.1" sunlight-viewable WUXGA Active Matrix (TFT) IPS colour LCD (up to 800cd/m2 brightness) Graphic chip: Intel® HD Graphics 520(built in CPU) Touchscreen: 10 finger capacitive multi-touchscreen and Digitizer
Camera	Front: HD 720p video (still picture: 1.3mpixel) Rear: 8MP with autofocus and LED flash (option)
Expansion Slots	Micro SDXC card: x1 (option)
Interface	Serial (16550A compatible): D-sub, 9-pin optional LAN: RJ-45 (option) HDMI: x1 Headset: x1 USB 3.0: x1 USB 2.0: x1 (option) Port Replicator Connector: 24 pin Dual External Antenna Connector: x1 (option) Selectable option: True serial or USB 2.0 or Wired LAN or Micro SD or 2D Barcode Reader or GPS
Connectivity	Bluetooth®: Version 4.1 + Classic mode/Low Energy mode, Class 1 WLAN: Intel® Dual Band Wireless-AC 8260 4G Mobile Broadband: Option (Sierra Wireless EM7305 modem with GPS)
Power	AC Adapter: Input 100V - 240V AC, 50Hz/60Hz Output 16V DC, 4.06A Battery: Lithium-Ion (11.1V, 4200mAh) Hot Swap Battery (option) Operating Time: Up to 14 hours, MobileMark™2007, 60cd/m2****
Security technology	TPM(Trusted Platform Module, TCG V1.2 compliant), Integrated hardware security lock slot, Password security (supervisor password, user password, HDD lock)
Dimensions (W x H x D)	270mm x 188mm x 19mm {10.6" x 7.4" x 0.75"}
Weight	Approx. 1.1kg {Approx. 2.43lbs}
Integration (Options)*	Smartcard reader, Contactless Smartcard Reader, Bridge Battery or Smartcard Reader + Bridge Battery
Accessories (Options)	Desktop cradle: FZ-VEBG11U (Either HDMI or VGA output) FZ-VEBG11AU (Both VGA and HDMI output) Countertop POS cradle: FZ-VEBG12M Battery Pack 6 cells: SG/MY: FZ-VZSU84U TH: FZ-VZSU84UZ AC adaptor: SG: CF-AA6413ACY TH/ID: CF-AA6413ACC AC adaptor (for MIL461F compliant model only): SG: CF-AA5713AY TH/ID: CF-AA5713AC Digitizer pen: FZ-VNPG11U Digitizer pen(waterproof type): FZ-VNPG12U LCD protective film: FZ-VPFG11U Charger attachment: FZ-VCBAG11U Charger: CF-VCBTB3W Tether: FZ-VNTG11U
Ruggedisation	Water resistance test: IP-X5** Dust resistance test: IP-6X** Gravity drop resistance test: MIL STD 810G, 120cm on Plywood.Test conducted in non-operating condition*** Vibration resistance test: MIL STD 810G Operating temperature: -10°C to +50°C {14°F to 122°F} Storage temperature: -20°C to +60°C {-4°F to 140°F}

\*One option exclusive possible in configuration port

\*\* Tested by an independent third party lab

\*\*\* Performance test does not guarantee against damage or malfunction

\*\*\*\* Measured at LCD brightness: 60 cd/m2 . Varies depending on the usage conditions or when an optional device is attached.

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