



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 α outdoor display technology
- 10.1" high brightness WUXGA (1920x1200) display (up to 800cd/m²)
- Capacitive 10 finger multi-touchscreen + digitizer
- 120 cm drop resistant*
- IP65 rated*
- 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





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 up to 3.56GHz with Intel® Turbo Boost Technology, 3MB cache
Operating System	Windows 10 Pro
Memory & Storage	8GB RAM 256GB SSD (option: 512GB SSD)
Display	10.1" sunlight-viewable WUXGA Active Matrix (TFT) IPS colour LCD (up to 800cd/m2 brightness) Graphic chip: Intel® HD Graphics 620 Touchscreen: 10 finger capacitive multi-touchscreen + digitizer
Camera	Front: 2MP, FHD Max 1920 x 1080, 30fps Rear: 8MP with autofocus and LED flash (option)
Expansion Slots	Micro SDXC card: x1 (option)*
Interface	Serial (16550A compatible): D-sub, 9-pin (option)* 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 GPS: x1 (option)* 2D Barcode Reader: x1 (option)* Thermography: x1 (option)*
Connectivity	Bluetooth®: Version 4.2 (Class 1) WLAN: Intel® Dual Band Wireless-AC 8265 WWAN: Option (4G LTE)
Power	AC Adapter: Input 100V - 240V AC, 50Hz/60Hz Output 16V DC, 4.06A Battery: Standard: Lithium-Ion (11.1V, 4200mAh) Large: Lithium-Ion (10.8V, 9300mAh) Hot Swap Battery (option) Operating Time: Standard: Up to 11 hours, MobileMark™2014**** Large: Up to 22 hours, MobileMark™2014****
Security technology	TPM (Trusted Platform Module, TCG V2.0 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
Weight	Approx. 1.1kg
Integration Options	Selectable one from Smartcard reader, Contactless Smartcard Reader, Bridge Battery or Smartcard Reader + Bridge Battery
Accessories (Options)	Desktop cradle: FZ-VEBG11AU (Both VGA and HDMI output) Countertop POS cradle: FZ-VEBG12M Battery Pack 6 cells: SG/MY: FZ-VZSU84A2U TH: FZ-VZSU84AUZ 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	MIL-STD-810G certified Dust & Water resistance test: IP65** Gravity drop resistance test: 120cm. Test conducted in non-operating condition*** Operating temperature: -10°C to +50°C {14°F to 122°F} Storage temperature: -20°C to +60°C {-4°F to 140°F}

FZ-G1mk5

*One option exclusive possible in configuration port

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

**** Measured at LCD brightness: 150cd/m2. Varies depending on the usage conditions or when an optional device is attached.

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