



# 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<br>(2.6GHz, 3MB Intel® Smart Cache)                                                                                                                                                                                                                                                                                                                       |
| Operating System                | Windows 10 Pro                                                                                                                                                                                                                                                                                                                                                                                  |
| RAM                             | 8GB                                                                                                                                                                                                                                                                                                                                                                                             |
| Graphic Chip                    | Intel® HD Graphics 620                                                                                                                                                                                                                                                                                                                                                                          |
| Camera                          | Front: 2 MP<br>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/m² 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<br>USB 2.0: x1 (optional, configuration port*)<br>LAN Connector: RJ-45 (optional, configuration port*)<br>Serial (16550A compatible): D-sub, 9-pin (optional, configuration port*)<br>HDMI: x1<br>Headset: x1<br>Port Replicator Connector: 24-pin<br>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<br>Battery: Li-Ion (11.1V, 4200mAh)<br>Operating Time: 11 hours, MobileMark™ 2014, 150cd/m²                                                                                                                                                                                                                                 |
| 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<br>Battery Charger: PCPE-FZG1CA1<br>Battery Pack (6 cell): FZ-VZSU84A2U<br>Battery Pack (9cell, needs PCPE-FZG1H01): FZ-VZSU88U<br>Desktop Cradle: FZ-VEBG11U<br>Digitizer Pen: FZ-VNPG11U<br>Handstrap + Corner Guards: PCPE-FZG1H01<br>LCD Protection Film: FZ-VPFG11U<br>Carrying Solutions: Please visit <a href="http://www.toughbook.eu">www.toughbook.eu</a> |
| Testing Standards               | Water resistance test: IP-X5**<br>Dust resistance test: IP-6X**<br>Gravity drop resistance test: 180 cm**<br>Operating temperature: -29°C to +60°C {-20°F to 145°F}<br>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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# Panasonic

## BUSINESS

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