



# TOUGHPAD FZ-G1 ATEX

## ATEX ZONE 2 CERTIFIED FULLY RUGGED WINDOWS 10 PRO TABLET

The fully rugged Toughpad FZ-G1 tablet sets the benchmark for outdoor viewable tablets in ATEX Zone 2 environments. Oil, gas and other industries working around potentially explosive environments can benefit from the latest fully rugged FZ-G1 10.1" Windows 10 Pro tablet. 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 in ATEX environments whilst benefiting from connectivity options to ensure data is always available when needed.

- Intel® Core™ i5-6300U vPro Processor
- Windows 10 Pro
- Intel HD 520 graphics
- Next generation IPSα outdoor display technology
- 10.1" high brightness WUXGA (1920x1200) display (up to 800cd/m²)
- Capacitive 10 finger multi-touchscreen + digitizer

- ATEX Zone 2 certified\*
- 180cm shock resistant\*\*
- Water and dust resistant (IP65)\*\*
- Up to 14 hours battery life
- Flexible configuration port (micro SD or USB 2.0)
- Lightweight design - weights approx. 1.55kg

\* II 3 G Ex ic ec IIB T3 Gc (with mobile broadband)

© II 3 G Ex ic ec IIC T3 Gc (without mobile broadband)

\*\* 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 WORKERS WHO NEED INTRINSICALLY PROTECTED MOBILE SOLUTIONS

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 de facto 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 ATEX Zone 2 environments. 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<br>(2.4GHz, 3MB Intel® Smart Cache)                                                                                   |                                                         |
| Operating System                | Windows 10 Pro<br>Windows 7 Professional (available through downgrade rights from Windows 10 Pro)                                                           |                                                         |
| RAM                             | 8GB DDR3L SDRAM                                                                                                                                             |                                                         |
| Graphic Chip                    | Intel® HD Graphics 520                                                                                                                                      |                                                         |
| Camera                          | Front:                                                                                                                                                      | HD 720p video                                           |
|                                 | Rear:                                                                                                                                                       | 8mpixel with autofocus and LED light optional           |
| Storage                         | 256 GB Solid State Drive                                                                                                                                    |                                                         |
| 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 8260                                                                                                                           |                                                         |
| Mobile Broadband                | Optional LTE                                                                                                                                                |                                                         |
| LAN                             | 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, eliminates LAN*)      |
|                                 | LAN Connector                                                                                                                                               | RJ-45                                                   |
|                                 | HDMI:                                                                                                                                                       | x1                                                      |
|                                 | Headset:                                                                                                                                                    | x1                                                      |
|                                 | Port Replicator Connector:                                                                                                                                  | 24-pin                                                  |
| Expansion slots                 | Micro SD/SDXC Memory Card:                                                                                                                                  | x1 (optional, configuration port, eliminates LAN*)      |
| Power                           | AC Adapter                                                                                                                                                  | Input: 100V - 240V AC, 50Hz/60Hz, Output: 16V DC, 4.06A |
|                                 | Battery                                                                                                                                                     | Li-Ion (10.8V, 4400mAh)                                 |
|                                 | Operating Time                                                                                                                                              | 14 hours, MobileMark™ 2007, 60cd/m²                     |
| Security Features               | TPM (Trusted Platform Module, TCG V1.2 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. 1.55k g {Approx. 3.42 lbs}                                                                                                                          |                                                         |
| Project based Options           | GPS (optional, configuration port, eliminates LAN*), Smartcard Reader                                                                                       |                                                         |
| Accessories                     | AC Adapter:                                                                                                                                                 | CF-AA6413CG                                             |
|                                 | Digitiser Pen:                                                                                                                                              | FZ-VNPG11U                                              |
| Testing Standards               | Water resistance test:                                                                                                                                      | IP-X5**                                                 |
|                                 | Dust resistance test:                                                                                                                                       | IP-6X**                                                 |
|                                 | Gravity drop resistance test:                                                                                                                               | 180cm**                                                 |
| ATEX Certification              | With mobile Broadband:                                                                                                                                      | Ⓜ II 3 G Ex ic ec IIB T3 Gc                             |
|                                 | Without mobile Broadband:                                                                                                                                   | Ⓜ II 3 G Ex ic nA IIC T3 Gc                             |
| Standard Configuration          | FZ-G1mk4 ATEX, 8GB RAM, 256GB SSD, LAN Port, 6cell battery pack                                                                                             |                                                         |
| Included in Box                 | Leather Case, AC Adaptor, Power Cord, Digitiser Pen, Tether, User Manual                                                                                    |                                                         |

FZ-G1mk4 ATEX: 30.01.2018

\*One option exclusive possible in configuration port

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## BUSINESS

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