Panasonic
BUSINESS

TOUGHPAD FZ-G1 ATEX
ATEX ⟨Ex⟩ 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/m^2)
- 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

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

www.toughbook.eu

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 (2.4GHz, 3MB Intel® Smart Cache)	
Operating System	Windows 10 Pro	
	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) IPSα 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
	Desktop Cradle:	FZ-VEBG11U
	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	

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