

Toughpad FZ-G1 Rugged Android Tablet

The new Panasonic Toughpad® G1 Rugged Android tablet (also known as the FZ-G1) runs the Windows® 8 Pro operating system and is an ideal productivity tool for mobile workers. It weighs only 2.4 pounds and is designed to MIL-STD-810G and to IP65 specifications to protect against environmental conditions and accidental situations, such as bumps, drops, or exposure to wind, heat, and rain.

The Toughpad FZ-G1 is powered by the Intel® Core™ i5-3437U 1.9GHz vPro processor, 4GB RAM, and a 128GB solid state drive for incredible speed and performance. It offers a complete range of embedded wireless options including Wi-Fi, Bluetooth®, and optional 4G LTE or 3G Gobi™ mobile broadband to help users stay connected while in the field.

The Toughpad FZ-G1 features a brilliant 10.1" WUXGA, 10 -point capacitive multi-touch + digitizer, daylight-viewable screen. It offers a stylus and active digitizer, enabling flexible data entry in the field, as well as signature capture and handwriting recognition functionalities. Other features include an integrated front 720p webcam with mic and a 3MP rear camera, multiple options for peripheral connectivity, and a removable battery that can accommodate a full day of work.

Features

- 10.1" multi- touch daylight-readable, touchscreen + digitizer display
- Dust and water resistant design (MIL-STD-810G and IP65 certified)
- Lightweight, ergonomic design for mobile workers
- Complete range of integrated wireless features GPS, Wi-Fi, Bluetooth, and optional 4G LTE or 3G mobile
- Integrated front and rear webcams



Product Specifications

Operating System:

- Windows® 8 Pro 64-bit (with Windows 7 downgrade option)

Processor:

- Intel® Core™ i5-3437U vPro™ Processor
 - 1.9GHz with Turbo Boost up to 2.9GHz
 - Intel Smart Cache 3MB

Storage:

- 128GB solid state drive
- Optional 256GB solid state drive

Memory:

- 4GB RAM
- Expandable to 8GB at time of purchase only*

Display:

- 10.1"WUXGA 1920 x 1200 with LED backlighting
- 10-point capacitive multi touch + digitizer daylight-readable screen
 - 800 nit
 - IPS display with direct bonding
 - Anti-reflective and anti-glare screen treatments
 - Ambient light sensor, digital compass, gyro and acceleration sensors
 - Automatic screen rotation
 - Intel QM77 video controller, max. 1664MB shared VRAM with Win 8 64-bit

Wireless:

- Optional integrated 4G LTE mobile broadband
- Optional integrated 3G Gobi— mobile broadband
- Optional dedicated GPS (Available Summer 2013)
- Intel Centrino Advanced-N 6235 Wi-Fi 802.11a/b/g/n
- Bluetooth v4.0 (Class 1) + EDR
- Dual high-gain antenna pass-through

Integrated Options:

- 4G LTE mobile broadband
- 3G Gobi mobile broadband
- Choice of GPS, Serial, Ethernet, MicroSD or 2nd USB 2.0 port

Cameras:

- 720p webcam with mic
- 3MP rear camera with auto focus and LED light

Interface:

- Docking connector - 24-pin
- HDMI Type - A
- Headphones/speaker - Mini-jack stereo
- Optional Serial - D-sub 9-pin (available Spring 2013)
- USB 3.0 (x 1) - 4-pin
- Optional 2nd USB 2.01 - 4-pin
- Optional 10/100/1000 Ethernet - RJ-45

Expansion Slots:

- Optional MicroSD

Keyboard & Input:

- 10-point multi touch + digitizer screen
 - Supports bare hand touch and gestures and electronic stylus pen
- 7 tablet buttons (2 user-definable)
- Integrated stylus holder
- On-screen QWERTY keyboard

Audio:

- Integrated microphone
- Realtek high-definition audio
- Integrated speaker
- On screen button volume and mute controls

Power Supply:

- Li-Ion battery pack (10.8V, typical 4400mAh, minimum 4100mAh)
- Battery operation: Approx. 8 hours
- Battery charging time: 2.5 hours off, 3 hours on
- AC Adapter: AC 100V-240V 50/60Hz

Power Management:

- Suspend/Resume Function, Hibernation, Standby

Dimensions & Weight:

- 10.6"(L) x 7.4"(W) x 0.8"(H)
- 2.4 lbs.

Durability Features:

- MIL-STD-810G design
- IP65 sealed all-weather design
- Magnesium alloy chassis encased with ABS and elastomer corner guards
- Optional rotating hand strap
- Port covers
- Raised bezel for LCD impact protection
- Pre-installed replaceable screen film for LCD protection

Security:

- Password Security: Supervisor, User, Hard Disk Lock
- Kensington cable lock slot
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent in BIOS
- Intel Anti-Theft Technology
- Optional SmartCard reader (separate attachment, available Spring 2013)

Warranty:

- 3 year limited warranty, parts and labor

**Total usable memory will be less depending upon actual system configuration.*

Product Images



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