



# Rugged Mobility

## Panasonic ToughPad FZ-G1

The world's thinnest and lightest fully-rugged 10.1" Windows® 8 Pro tablet.



For More Information Visit [www.ruggedmobility.com.au](http://www.ruggedmobility.com.au)

**Introducing the NEW  
Panasonic Toughpad family.  
A fearless new way to do  
business.**

**THE LIGHTEST FULLY-RUGGED WINDOWS 8 -  
POWERED TABLET DESIGNED FOR  
PROFESSIONALS.**

The Toughpad™ FZ-G1 Windows® 8 Pro tablet offers a fluid user experience while providing crucial port connectivity and feature-rich options in a compact size. Designed for highly mobile field workers, it's the thinnest and lightest fully-rugged 10.1" tablet running Genuine Windows® 8 Pro 64-bit. Powered by a 3rd generation Intel® Core™ i5 vPro™ Processor with a MIL-STD-810G, 4ft. drop and all-weather IP65 dust and water-resistant design, the Toughpad FZ-G1 Windows® 8 Pro tablet leads the way in rugged mobile computing. Add to that an HD daylight-readable 10-point multi touch + digitizer screen, and it becomes an essential tool for field workers.

**FEATURES AT A GLANCE**

- MIL-STD-810G, 4ft. Drop and All-weather IP65 Dust and Water-resistant Design
- 3rd Generation Intel® Core™ i5 vPro™ Processor
- 10.1" Daylight-readable 10-point Multi Touch+ Digitizer
- USB 3.0 + HDMI Ports, Optional Dedicated GPS, Serial, Ethernet, MicroSD or 2nd USB Port1
- Wi-Fi, Bluetooth® and Optional 4G LTE or 3G Gobi™
- 3-year Warranty with Business Class Support • 3-year warranty with business class support
- Vehicle / cart / wall mountable



## Specifications

### DURABILITY

- 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

### SOFTWARE

- Windows® 8 Pro 64-bit (with Windows® 7 downgrade option)
- Panasonic Utilities (including Dashboard), Recovery Partition

### CPU

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

### STORAGE & MEMORY

- 4-8GB<sup>2,3</sup>
  - Up to 64GB additional with optional microSD card
- 128-256GB SSD<sup>2,3</sup>

### 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<sup>4</sup>

### AUDIO

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

### KEYBOARD & INPUTS

- Multi touch + digitizer screen
  - Supports bare hand touch and gestures and electronic stylus pen

- **10.1" daylight-readable ulti touch + digitizer screen**
- **GPS, Wi-Fi, Bluetooth® and optional LTE 4G mobile broadband**
- **3-year warranty with business class support**

- 7 tablet buttons (2 user definable)
- Integrated stylus holder
- On-screen QWERTY keyboard

### EXPANSION SLOTS

- Optional micro-SDHC

### CAMERAS

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

### INTERFACE

- |  |                  |
|--|------------------|
| • Docking connector                          | 24-pin           |
| • HDMI                                       | Type A           |
| • Headphones/speaker                         | Mini-jack stereo |
| • Optional Serial <sup>1</sup>               | D-sub 9-pin      |
| • USB 3.0 (x 1)                              | 4-pin            |
| • Optional 2nd USB 2.0 <sup>1</sup>          | 4-pin            |
| • Optional 10/100/1000 Ethernet <sup>1</sup> | RJ-45            |

### WIRELESS

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

### POWER SUPPLY

- Li-Ion battery pack (10.8V, typical 4400mAh, minimum 4100mAh)
- Battery operation: Approx. 8 hours<sup>7</sup>
- Battery charging time: 2.5 hours off, 3 hours on<sup>7</sup>
- AC Adapter: AC 100V-240V 50/60Hz

### POWER MANAGEMENT

- Suspend/Resume Function, Hibernation, Standby

## SECURITY FEATURES

- 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<sup>6</sup>
- Intel® Anti-Theft Technology
- Optional SmartCard reader (separate attachment, available Spring 2013)

## GENERAL

- Dimensions<sup>7</sup> - D x W x H (mm) 269 x 188 x 20
- Weight<sup>7</sup> - 1.1kg

## WARRANTY

- 3-year limited warranty, parts and labour

## INTEGRATED OPTIONS<sup>8</sup>

- 4G LTE mobile broadband
- 3G Gobi™ mobile broadband
- Choice of GPS, Serial, Ethernet, MicroSD or 2nd USB 2.0 port<sup>7</sup>

## ACCESSORIES

- |                                    |             |
|------------------------------------|-------------|
| • AC Adapter (3-prong)             | CF-AA6431US |
| • Standard Battery Pack            | CF-VZSU84U  |
| • Long Life Battery Pack           | CF-VZSU88U  |
| • Rotating Hand Strap              | CF-WSTG111  |
| • Replacement Digitizer Stylus Pen | CF-VNPG11U  |
| • High-mount Corner Guard          | CF-WCGG111  |
| • Cradle                           | CF-VEG11U   |

Please consult your reseller or Panasonic representative before purchasing.

Caution: Do not expose bare skin to this product when handling this unit in extreme hot or cold environments.

1 GPS, Serial, Ethernet, MicroSD, 2nd USB port are mutually exclusive options.

21GB = 1,000,000,000 bytes.

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

4 The size of the VRAM cannot be set by the user and varies by operating system as well as size of RAM. Windows 7 max. VRAM is 1696MB.

5 Tentative battery life. Subject to change pending final testing. Battery performance features such as charge time and life span can vary according to the conditions under which the computer and battery are used. Battery operation and recharge times will

vary based on many factors, including screen brightness, applications, features, power management, battery conditioning and other customer preferences. Battery testing

results from MobileMark 2007.

6 Requires software and activation to enable theft protection.

7 Length measurements do not include protrusions. Weight varies with options and

digitizer pen.

8 Accessories and Integrated Options may vary depending on your configuration. Visit Panasonic website for more accessories and details.