



## TOUGHPAD FZ-G1

- 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 Port<sup>1</sup>
- Wi-Fi, Bluetooth® and Optional 4G LTE or 3G Gobi™
- 3-year Warranty with Business Class Support

Panasonic recommends Windows 8.

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

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.



4-FOOT  
DROP RATING

IP65

MIL-STD-  
810G

1.800.662.3537  
[panasonic.com/toughpad](http://panasonic.com/toughpad)

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### 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

- 4GB or 8GB<sup>2,3</sup>
  - Up to 64GB additional with optional microSD card
- 128GB and 256GB solid state drives (SSD)<sup>2,3</sup>

### DISPLAY

- 10.1" WUXGA 1920 x 1200 with LED backlighting
- 10-point capacitive multi touch + digitizer daylight-readable screen
  - 2-800 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 & 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

### CAMERAS

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

### EXPANSION

- Optional MicroSD<sup>1</sup>

### INTERFACE

- Docking connector 24-pin
- HDMI Type A
- Headphones/speaker Mini-jack stereo
- Optional Serial<sup>5</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<sup>6</sup>
- Optional integrated 3G Gobi™ mobile broadband<sup>6</sup>
- Optional dedicated GPS<sup>1</sup>
- Intel® Centrino® Advanced-N 6235 Wi-Fi 802.11a/b/g/n
- Bluetooth® v4.0 (Class 1) + EDR
- Security
  - Authentication: LEAP, WPA, 802.1x, EAP-TLS, EAP-FAST, PEAP
  - Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES
- 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>8</sup>
- Intel® Anti-Theft Technology
- Optional SmartCard reader (separate attachment)<sup>9</sup>



### WARRANTY

- 3-year limited warranty, parts and labor

### DIMENSIONS & WEIGHT<sup>10</sup>

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

### INTEGRATED OPTIONS<sup>11</sup>

- 4G LTE mobile broadband<sup>6</sup>
- 3G Gobi™ mobile broadband<sup>6</sup>
- Choice of GPS, Serial, Ethernet, MicroSD or 2nd USB 2.0 port<sup>10</sup>

### ACCESSORIES<sup>11</sup>

- AC Adapter (3-prong) CF-AA6413CM
- Standard Battery Pack FZ-VZSU84U
- Long Life Battery Pack<sup>9</sup> FZ-VZSU88U
- LIND Car Adapter 120W CF-LNDDC120
- LIND Car/AC Adapter 90W (with USB port) CF-LNDACDC90
- LIND Car Adapter 90W MIL-STD CF-LNDMLDC90
- Rotating Hand Strap FZ-WSTG111
- ToughMate G1 Always-on Case (w/hand strap) TBCG1AONL-P
- ToughMate G1 Professional Portfolio TBCG1PFLIO-BLK-P
- ToughMate G1 "X" Hand Strap TBCG1XSTP-P
- Replacement Digitizer Pen FZ-VNPG11U
- Tether FZ-VNTG11U
- Tall Corner Guards FZ-WCGG111
- 10.1" LCD Protective Film FZ-VPFG11U

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.

<sup>1</sup>GPS, Serial, Ethernet, MicroSD, 2nd USB port are mutually exclusive options.

<sup>2</sup>1GB = 1,000,000,000 bytes.

<sup>3</sup>Total usable memory will be less depending upon actual system configuration.

<sup>4</sup>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 1544MB.

<sup>5</sup>Verizon 4G LTE for Windows 7 only.

<sup>6</sup>3G Gobi for Sprint and Verizon only.

<sup>7</sup>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.

<sup>8</sup>Requires software and activation to enable theft protection.

<sup>9</sup>Requires optional tall corner guards and rotating hand strap.

<sup>10</sup>Length measurements do not include protrusions. Weight varies with options and digitizer pen.

<sup>11</sup>Accessories and Integrated Options may vary depending on your configuration. Visit Panasonic website for more accessories and details.

1.800.662.3537

panasonic.com/toughpad

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