TOUGHPAD FZ-G1

- Intel® Core™ i5 vPro™ Processor

- 10.1" Daylight-readable 10-point Multi Touch + Digitizer

- 18.5 Hours of Use with Optional Long Life Battery[1]

- Integrated SmartCard or Magstripe Reader[2]

- USB 3.0 + HDMI Ports, Optional GPS (SiRFstarIII™), Serial Dongle, Ethernet, MicroSD or 2nd USB Port[3]

- Wi-Fi, Bluetooth® and Optional 4G LTE Multi Carrier Mobile Broadband with Satellite GPS

- 3-year Warranty with Business Class Support

Panasonic recommends Windows 8.

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

The Toughpad™ FZ-G1 Windows® 8 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 Windows® 8. Powered by an Intel® Core™ i5 vPro™ Processor with a MIL-STD-810G and IP65 certified design, the Toughpad FZ-G1 Windows® 8 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/G1

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DURABILITY
- MIL-STD-810G certified (4' drop, shock, vibration, rain, dust, sand, altitude, freeze/thaw, high/low temperature, temperature shock, humidity, explosive atmosphere)
- IP65 certified sealed all-weather design
- Solid state drive heater
- 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[4,5]
  – Up to 64GB additional with optional microSD card
- 128GB and 256GB solid state drives (SSD) with heaters[4,5]

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[6]
- Concealed mode (configurable)

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[1]

INTERFACE
- Docking connector	24-pin
- HDMI	Type A
- Headphones/speaker	Mini-jack stereo
- Optional Serial Dongle[3]	D-sub 9-pin
- USB 3.0 (x 1)[2,3]	4-pin
- Optional 2nd USB 2.0[3]	4-pin
- Optional 10/100/1000 Ethernet[3]	RJ-45

WIRELESS
- Optional integrated 4G LTE multi carrier mobile broadband with satellite GPS
- Optional GPS (SiRFstarIII™)[3]
- 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:
  – Standard battery: 10.8V, typical 4400mAh, minimum 4100mAh
  – Long life battery[7]: 10.8V, typical 8700mAh, minimum 9300mAh
- Battery operation[1]:
  – Standard battery: 8 hours
  – Optional long life battery[7]: 18.5 hours
- Battery charging time[1]:
  – Standard battery: 2.5 hours off, 3 hours on
  – Optional long life battery[1]: 3 hours off, 4 hours on

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[8]
- Intel® Anti-Theft Technology
- Optional SmartCard reader[2,7]

WARRANTY
- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT[9]
- 10.6"(L) x 7.4"(W) x 0.8"(H)
- 2.5 lbs. (standard battery)
- 3.0 lbs. (optional long life battery)[7]

INTEGRATED OPTIONS[10]
- 4G LTE multi carrier mobile broadband with satellite GPS
- Choice of 1D/2D barcode reader (EA11 or EA21), GPS (SiRFstarIII™), Serial Dongle, Ethernet, MicroSD or 2nd USB 2.0 port[3]
- SmartCard or magstripe reader[2,7]
- Long life battery[7]
- 256GB solid state drive (SSD) with heater

ACCESSORIES[10]
- AC Adapter (3-prong)	CF-AA6413CM
- Standard Battery Pack	FZ-VZSU84U
- Long Life Battery Pack[7]	FZ-VZSU88U
- Long Life Battery Bundle (includes rotating hand strap and corner guard set)	FZ-BNDLG1LL1ST1CG4
- Single Battery Charger Bundle	FZ-BNDLG1BATCHRG
- LIND 3-Bay Battery Charger	FZ-LND3BAYG1
- LIND Car Adapter 120W	CF-LNDDC120
- LIND Car/AC Adapter 90W (with USB port)	CF-LNDACDC90
- LIND Car Adapter 90W MIL-STD	CF-LNDMLDC90
- Tall Corner Guard Set	FZ-WCGG111
- Rotating Hand Strap and Corner Guard Set Bundle	FZ-BNDLG1ST1CG4
- ToughMate G1 Always-on Case (w/hand strap)	TBCG1AONL-P
- ToughMate G1 Professional Portfolio	TBCG1PFLIO-BLK-P
- ToughMate G1 "X" Hand Strap	TBCG1XSTP-P
- Desktop Cradle	FZ-VEBG11U
- Vehicle Docks (no pass-through)	
– Gamber-Johnson	7160-0486-00-P
– Havis with LIND power supply	CF-H-PAN-702-P
- Vehicle Docks (dual pass-through)	
– Gamber-Johnson	7160-0486-02-P
– Havis with LIND power supply	CF-H-PAN-702-2-P
- Replacement Digitizer Pen	FZ-VNPG11U
- Tether	FZ-VNTG11U
- 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.

[1]Approximate time. 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.

[2]Magstripe and SmartCard readers are mutually exclusive. In addition, USB 3.0 port can not be accessed when the unit is equipped with the magstripe reader, but optional USB 2.0 port can be accessed.

[3]GPS (SiRFstarIII™), Serial Dongle, Ethernet, MicroSD, 2nd USB port are mutually exclusive options.

[4]1GB = 1,000,000,000 bytes.

[5]Total usable memory will be less depending upon actual system configuration.

[6]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.

[7]Includes tall corner guards and rotating hand strap.

[8]Requires software and activation to enable theft protection.

[9]Length measurements do not include protrusions. Weight varies with options and digitizer pen.

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

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