

Panasonic

BUSINESS



TOUGH PAD FZ-G1

- 5th Generation Intel® Core™ i5 vPro™ Processor
- Daylight-readable Display with Gloved Multi Touch + Digitizer
- Up to 26 Hours of Use with an Optional Long Life Battery¹
- Integrated Bridge Battery, SmartCard, 2D Barcode, RFID, Dedicated GPS, Serial Options and More^{2,3}
- Certified for Use in Hazardous Locations (Class I Division 2)^{4,12}
- 3-year Warranty with Business Class Support

4-FOOT
DROP RATING

IP65

MIL-STD-810G

THE WORLD'S THINNEST AND LIGHTEST FULLY RUGGED 10.1" WINDOWS 8.1 PRO TABLET.

The Toughpad FZ-G1 Windows® 8.1 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 Windows® 8.1 Pro. 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 gloved multi touch + digitizer screen, and it becomes an essential tool for field workers.

TOUGHPAD FZ-G1

SOFTWARE

- Windows 8.1 Pro 64-bit
- Panasonic Utilities (including Dashboard, Recovery Partition)

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
- Optional class I division 2, groups ABCD certified mode
- Solid state drive heater
- Magnesium alloy chassis encased with ABS and elastomer corner guard
- Optional rotating hand strap
- Port covers
- Raised bezel for LCD impact protection
- Pre-installed replaceable screen film for LCD protection

CPU

- Intel® Core™ i5-5300U vPro™ Processor
- 2.3GHz with Turbo Boost up to 2.9GHz
- Intel Smart Cache 3MB

STORAGE & MEMORY

- 8GB^{5,6}
- Up to 64GB additional with optional microSD card
- Optional 128GB and 256GB solid state drives (SSD) with heaters^{5,6}
- Optional 128GB and 256GB Self Encrypting Drives (Opal specification)^{5,6,13}

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. 1792MB shared VRAM with Win 8 64-bit⁷
- 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
- Supports glove mode and wet touch mode
- 7 tablet buttons (2 user-definable)
- Integrated stylus holder
- On-screen QWERTY keyboard

CAMERAS

- 720p webcam with mic
- 8MP rear camera with auto focus and LED light

EXPANSION SLOTS

- Optional MicroSD

INTERFACE

- Docking connector 24-pin
- HDMI Type A
- Headphones/speaker Mini-jack stereo
- Optional Serial Dongle³ D-sub 9-pin
- USB 3.0 (x 1)^{2,3} 4-pin
- Optional 2nd USB 2.0³ 4-pin
- Optional 10/100/1000 Ethernet³ RJ-45

WIRELESS

- Optional integrated 4G LTE multi carrier mobile broadband with satellite GPS
- Optional GPS (U-blox 8)³
- Intel® Dual Band Wireless AC7265 Wi-Fi 802.11a/b/g/n/ac
- 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 battery⁸: 10.8V, typical 9300mAh, minimum 8700mAh
- Battery operation¹:
- Standard battery: 13 hours
- Optional long life battery⁸: 26 hours
- Battery charging time¹:
- Standard battery: 2.5 hours off, 3 hours on
- Optional long life battery: 3 hours off, 4 hours on
- Optional bridge battery (1 minute swap time)

POWER MANAGEMENT

- Suspend/Resume Function, Hibernation, Standby

SECURITY FEATURE

- Password Security: Supervisor, User, Hard Disk Lock
- Kensington cable lock slot
- Trusted platform module (TPM) security chip v.1.2
- Absolute® Data Device Security (DDS) theft protection agent in BIOS⁹
- Intel® Anti-Theft Technology
- Insertable SmartCard reader^{2,8}
- ISO 15693 and 14443 A/B compliant

WARRANTY

- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT¹⁰

- 10.6" (L) x 7.4" (W) x 0.8" (H)
- 2.4 lbs. (standard battery)
- 3.0 lbs. (optional long life battery)⁸

INTEGRATED OPTIONS¹¹

- 4G LTE multi carrier mobile broadband with satellite GPS
- Choice of 1D/2D barcode reader (EA11 or EA21), GPS (U-blox 8), True Serial with Dongle, Ethernet, MicroSD or 2nd USB 2.0 port³
- Choice of bridge battery (thin cover and medium corner guards), insertable SmartCard reader, insertable SmartCard reader with bridge battery, contactless SmartCard reader or UHF 900MHz RFID reader (EPC Gen 2)¹²

HAZARDOUS LOCATION CERTIFICATIONS¹²

- ANSI/ISA 2.12.01-2013
- Optional class I division 2, groups ABCD certified model

SELECT ACCESSORIES¹³

- AC Adapter (3-prong) CFAA6413CM
- Standard Battery Pack FZVZSU84U
- Long Life Battery Pack⁸ FZVZSU88U
- Single Battery Charger CFVCBTB3WG
- LIND 3-Bay Battery Charger FZLND3BAYG1
- LIND Car Adapter 120W CFLNDDC120
- LIND Car/AC Adapter 90W (with USB port) CFLNDACDC90
- LIND Car Adapter 90W MIL-STD CFLNDMLDC90
- ToughMate G1 Always-on Case (with hand strap) TBCG1AONLP
- ToughMate G1 Always-on Case (with hand strap) TBCG1AONLP
- ToughMate G1 Professional Portfolio TBCG1PFLIOBLKP
- ToughMate G1 "X" Hand Strap TBCG1XSTPP
- Desktop Cradle FZVEBG11U
- Tether FZVNTG11U
- 10.1" LCD Protective Film FZVFPG11U

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 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 Bridge battery, magstripe reader, insertable SmartCard reader, contactless SmartCard reader and UHF RFID reader are mutually exclusive. Please note, USB 3.0 port cannot be accessed when the unit is equipped with the magstripe reader, but optional USB 2.0 port can be accessed.

³ GPS, Serial Dongle, Ethernet, MicroSD, 2nd USB port are mutually exclusive options.

⁴ Please refer to cleaning and maintenance instructions in the user guide.

⁵ 1GB = 1,000,000,000 bytes.

⁶ Total usable memory will be less depending upon actual system configuration.

⁷ 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 1555MB.

⁸ Includes tall corner guards and rotating hand strap.

⁹ Requires software and activation to enable theft protection.

¹⁰ Length measurements do not include protrusions. Weight varies with options and digitizer pen.

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

¹² Hazardous location certifications may not apply to all configurations. Consult your Panasonic representative for availability.

¹³ Special Order



TOUGHPAD

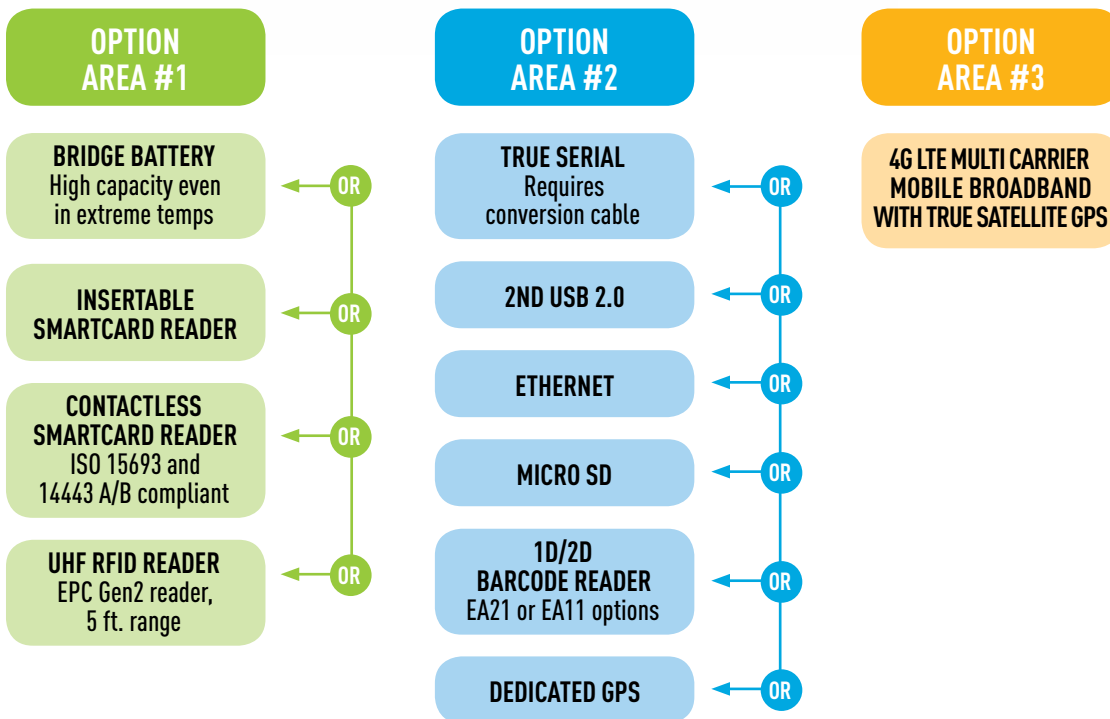
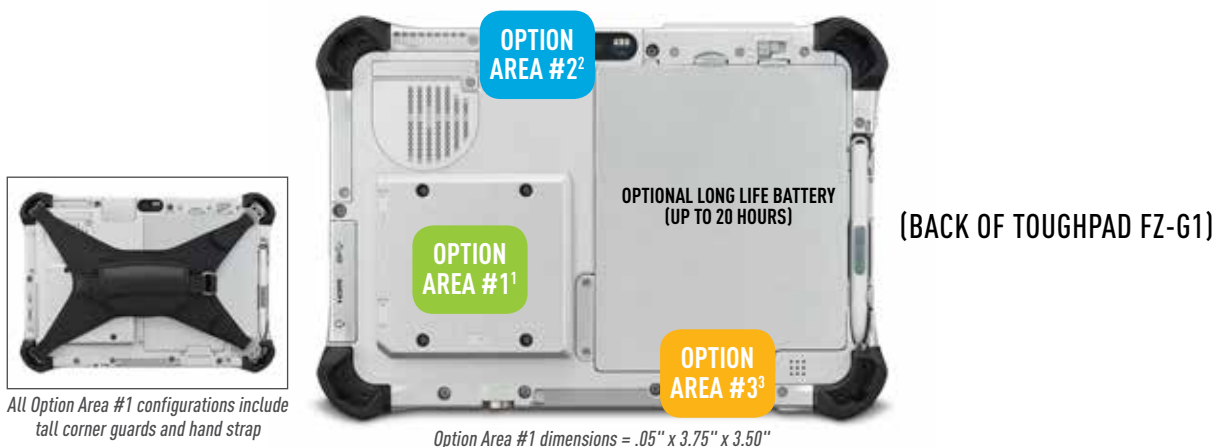
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PANASONIC TOUGHPAD FZ-G1 CONFIGURATIONS

The Panasonic Toughpad FZ-G1 is one of the world's thinnest and lightest fully-rugged 10.1" Windows® 8.1 Pro tablets. It offers a great user experience while providing crucial port connectivity and feature-rich options in a compact size.



¹ Bridge battery, insertable SmartCard reader, contactless SmartCard reader and UHF RFID reader are mutually exclusive.

² True Serial, 2nd USB port, Ethernet, Micro SD, 1D/2D barcode readers and dedicated GPS are mutually exclusive options.

³ Dual high-gain antenna pass-through for WWAN and GPS standard on all models.