Panasonic

Panasonic recommends Windows 8.

intel inside™
CORE™ i5 vPro™

TOUGHPAD FZ-G1

- 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[1]

- Wi-Fi, Bluetooth® and Optional 4G LTE or 3G Gobi™

- 3-year Warranty with Business Class Support

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 and IP65 certified 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/G1

TOUGHPAD

DURABILITY

- MIL-STD-810G certified
- IP65 certified 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[2,3]
  – Up to 64GB additional with optional microSD card
- 128GB and 256GB solid state drives (SSD)[2,3]

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[4]

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[1]	D-sub 9-pin
USB 3.0 (x 1)	4-pin
Optional 2nd USB 2.0[1]	4-pin
Optional 10/100/1000 Ethernet[1]	RJ-45

WIRELESS

- Optional integrated 4G LTE mobile broadband[5]
- Optional integrated 3G Gobi™ mobile broadband[6]
- Optional dedicated GPS[1]
- 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[7]
- Battery charging time: 2.5 hours off, 3 hours on[7]
- 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[8]
- Intel® Anti-Theft Technology
- Optional SmartCard reader (separate attachment)[9]

WARRANTY

- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT[10]

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

INTEGRATED OPTIONS[11]

- 4G LTE mobile broadband[5]
- 3G Gobi™ mobile broadband[6]
- Choice of GPS, Serial, Ethernet, MicroSD or 2nd USB 2.0 port[10]

ACCESSORIES[11]

AC Adapter (3-prong)	CF-AA6413CM
Standard Battery Pack	FZ-VZSU84U
Long Life Battery Pack[9]	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.

[1]GPS, Serial, Ethernet, MicroSD, 2nd USB port are mutually exclusive options.
[2]1GB = 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 1544MB.
[5]Verizon 4G LTE for Windows 7 only.
[6]3G Gobi for Sprint and Verizon only.
[7]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.
[8]Requires software and activation to enable theft protection.
[9]Requires optional tall corner guards and rotating hand strap.
[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.

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SYNERGY
POSITIONING SYSTEMS

TOUGHPAD

SOLUTIONS FOR BUSINESS