TOUGHPAD FZ-G1

- 4th Generation Intel® Core™ i5 vPro™ Processor
- Daylight-readable Display with Gloved Multi Touch + Digitizer
- Up to 20 Hours of Use with an Optional Long Life Battery¹
- Integrated Bridge Battery, SmartCard, 2D Barcode, Magstripe, RFID, Serial Options and More²,³
- Certified for Use in Hazardous Locations (Class I Division 2)⁴
- 3-year Warranty with Business Class Support

THE WORLD’S THINNEST AND LIGHTEST FULLY-RUGGED 10.1” WINDOWS® 8.1 PRO 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 gloved multi touch + digitizer screen, and it becomes an essential tool for field workers.
Panasonic recommends Windows.

SOFTWARE
- Windows® 8.1 Pro 64-bit (available Windows® 7 Professional downgrade option)
- Panasonic Utilities (including Dashboard), Recovery Partition

DURABILITY
- MIL-STD-810G certified (ip, drop, shock, vibration, rain, dust, sand, altitude, freeze/thaw, high/low temperature, temperature shock, humidty, explosive atmosphere)
- IP65 certified sealed against weather

SOFTWARE
- Optional Class I Division 2, Groups ABCD certified model
- 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

CPU
- Intel® Core™ i5-4310U vPro™ Processor
- Intel® Smart Cache 3MB

STORAGE & MEMORY
- 8GB1
  - Up to 440GB additional with optional microSD card
- Optional 128GB and 256GB solid state drives (SSD) with heaters5,6
- Optional 128GB and 256GB Self Encrypting Drives (Opal specification)
  [Available Summer 2014]

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-bit

AUDIO
- Integrated microphone
- RealTalk 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
- Optional MicroSD®

INTERFACE
- Docking connector
  - 24-pin
- HDMI
  - Type A
- Headphones/speaker
  - Mini-jack stereo
- Optional Serial Dongle2
  - D-sub 9-pin
- USB 3.0
  - 4-pin
  - 5-pin
- Optional 10/100/1000 Ethernet
  - RJ-45

WIRELESS
- Optional integrated 4G LTE multi carrier mobile broadband with satellite GPS
- Optional GPS (U-blox 8)
- Intel® Dual Band Wireless-AC T720 W-Fi 802.11a/b/g/n/ac
- Bluetooth® v4.0 [Class 1] + EDR
- Security
  - Authentication: LEAP, WPA, 802.1x, EAP-LT, EAP-FAST, PEAP
  - Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES
  - Automatic screen rotation
  - Ambient light sensor, digital compass, gyro and acceleration sensors
  - 2-800 nit
  - Intel® Smart Cache 3MB
  - 2.0GHz with Turbo Boost up to 3.0GHz

POWER SUPPLY
- Li-Ion battery pack
  - Standard battery: 10.8V, typical 4010mAh, minimum 4100mAh
  - Long life battery: 10.8V, typical 3510mAh, minimum 3700mAh
  - Battery operation: 9 hours
  - Optional long life battery: 7 hours
  - Battery charging time: 4 hours
  - Optional long life battery: 3 hours

POWER MANAGEMENT
- Suspend/Resume Function, Hibernate, Standby

SECURITY FEATURES
- Password Security: Supervisor, User, Hard Disk Lock
- Kensington cable lock slot
- Trusted platform module (TPM) security chip v1.2
- Computrace® theft protection agent in BIOS®
- Intel® Anti-Theft Technology
- Insertable SmartCard reader
  - ISO 15693 and 14443 A/B compliant

WARRANTY
- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT
- 10.4”L x 7.4”W x 0.8”H
- 2.6 lbs. (standard battery)
- 3.0 lbs. (optional long life battery)