THE WORLD’S THINNEST AND LIGHTEST FULLY RUGGED 10.1" WINDOWS 10 PRO TABLET

The Toughpad® FZ-G1 Windows 10 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 10 Pro 64-Bit. Powered by an Intel® Core™ i5 vPro™ processor with a MIL-STD-810G and IP65 certified design, the FZ-G1 leads the way in rugged mobile computing. Add to that an HD daylight-readable 10-point gloved multi touch + waterproof digitizer pen, and it becomes an essential tool for field workers. With added Thermal camera and IR camera options. Can also support "Windows Hello" for enhanced security.
TOUGHPAD FZ-G1

Panasonic recommends Windows.

SOFTWARE
- Windows 10 Pro 64 bit

DURABILITY
- MIL-STD-810G certified 4F drop, shock, vibration, rain, dust, sand, altitude, freeze/thaw, high/low temperature, voltage spikes, humidity, explosions, atmosphere, dust, sand, altitude, freeze/thaw
- IP65 certified sealed all-weather design
- Optional ANUGUSA 12.01-2013 Class I Division 2 on selected models
- Solid state drive heater
- Magnesium alloy chassis encased with ABS and elastomer corner guards
- Optional hand strap or rotating hand strap
- Port covers
- Raised bezel for LCD impact protection
- Pre-installed replaceable screen film for LCD protection

CPU
- Intel® Core™ i5-7300U vPro™ Processor
  - 2.6 GHz up to 3.9 GHz with Intel® Turbo Boost Technology
- Intel® Core™ i7-7600U vPro™ processor (Optional)
  - 2.8GHz up to 3.9GHz with Intel® Turbo Boost Technology
  - Intel Smart Cache 3MB

STORAGE & MEMORY
- 8GB DDR3L SDRAM
  - 256GB solid state drive (SSD) with heater
  - Optional 512GB and 1TB Option

DISPLAY
- 10.1” WUXGA 1920 x 1200 with LED backlighting
- 10-point capacitive multi touch + Waterproof Digitizer pen daylight-readable screen
  - 2.996mm gap to touch point
- 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® HD Graphics 630 (built-in CPU) video controller

AUDIO
- Integrated microphone
- In-Call High Definition Audio subsystem support
- Integrated Monaural speaker
- On-screen and button volume and mute controls

KEYBOARD & INPUT
- 10-point gloved multi touch + digitizer screen
  - Supports bare-hand touch and gestures and electronic waterproof stylus pen
  - 7 tablet buttons (2 user-definable)
  - Stylus holder
- On-screen QWERTY keyboard

CAMERAS
- 2 MP (1920 x 1080 pixels), 30fps (Video), Monaural Microphone
- Infrared Sensor with Windows Hello support
- RMP rear camera with autofocus and LED flash

INTERFACE
- Docking connector
- 24-pin
- HDMI
- Headphones/speaker
- Type A
- Mini-jack stereo
- Optional second USB 2.0 Type A
- Optional, 10/100/1000 Ethernet RJ-45

WIRELESS
- Optional integrated 4G LTE multi carrier mobile broadband with satellite GPS
  - Sierra Wireless™ EM7455
- Intel® Dual Band Wireless-AC 8265 (IEEE802.11a/b/g/n/ac)
- Bluetooth v4.2, Classic mode/ Low Energy mode, Class 1
- Optional dedicated GPS (u-blox)
- Optional high-gain antenna pass-through

POWER SUPPLY
- Li-Ion battery pack
  - Standard battery: Li-Ion 11.1V, 4200 mAh (typ.), 4080 mAh (min.)
  - Optional long life battery: Li-Ion 10.8V, 9310mAh (typ.), 8710mAh (min.)
  - Battery operation:
    - Standard battery: 11 hours
    - Optional long life battery: 22 hours
  - Battery charging time:
    - 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)
- AC Adapter: Input: 100 V - 240 V AC, 50 Hz / 60 Hz, Output: 16 V DC, 4.0A

SECURITY FEATURES
- Password Security: Supervisor, User, Hard Disk Lock
- Kensington cable lock slot
- Trusted platform module (TPM) security chip v2.0
- Computrace® theft protection agent in BIOS
- Optional Inertable SmartCard reader
- Optional Contactless SmartCard/HF RFID reader
- ISO 14443 A/B compliant

WARRANTY
- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT
- 10.6"L x 7.4"W x 0.8"H
- 2.4 lbs. (standard battery)
- 2.9 lbs. (optional long life battery)

INTEGRATED OPTIONS
- 4G LTE multi carrier mobile broadband with satellite GPS
  - Choice of LED or Laser 2D barcode reader (EA15 or EA21), DPS, Serial Dongle, Ethernet, MicroSDXC or second USB 2.0 port
  - Choice of bridge battery, magstripe reader, insertable SmartCard reader, insertable SmartCard reader with bridge battery, contactless SmartCard/RFID
  - HF reader or UHF 900MHz RFID reader
- Thermal camera option

ACCESSORIES
- AC Adapter (3-prong)
  - CF-AA613CD
  - FZ-VZSU84U
- Standard Battery Pack
  - CF-VZSU88U
- Long Life Battery Pack
  - (required to be 464IComplian)
- Long Life Battery Bundle
  - (includes rotating hand strap and corner guard set)
  - Single Battery Charger Bundle
  - LIND 3-Bay Battery Charger
  - LIND Car Adapter 120W
  - LIND Car/Adapter 19W [with USB port]
  - LIND Car Adapter 9999 ML-STD
  - Tall Corner Guard Set
  - Rotating Hand Strap and Tall Corner Guard Set
  - ToughMate G1 Always-On Case (with hand strap)
  - ToughMate G1 Professional Portfolio
  - ToughMate G1 “X” Hand Strap
  - Docking Cradle
  - Vehicle Docks (no-pass-through)
    - Gamber-Johnson
    - Harris with LIND power supply
  - Vehicle Docks (pass-through)
    - Gamber-Johnson
    - Harris with LIND power supply
  - WaterProof digitizer pen
  - Tether
  - 10.1” LCD Protective Film
  - Payment sleeve for VeriFone e355

Please consult your retailer or Panasonic representative before purchasing.

Caution: Do not expose bare skin to this product when handling this unit in extreme hot or cold environments.

Approximate this: Battery operation and optional times are very based on many factors, including screen brightness, applications, features, power management, battery conditioning and other customer preferences.

Battery testing results from ModelWorks 2014.

A bridge battery, magstripe reader, insertable SmartCard reader, insertable SmartCard reader with bridge battery, contactless SmartCard reader and UHF RFID reader are mutually exclusive. Please note, USB 3.1 port, HDMI port and serial port cannot be accessed when the unit is equipped with the magstripe reader, USB 3.2 port can be accessed.

GPS, Serial Dongle, Ethernet, Barcode Reader, Thermal sensor, MicroSDXC and second USB 2.0 port are mutually exclusive options.

USB = 13948.8586 bytes. Total usable memory will be less depending upon actual system configuration.

* 1GB = 1,000,000,000 bytes. Total usable memory will be less depending upon actual system configuration.

** Windows or optional OS is integrated, the reader with infrared sensor cannot be installed.

† Magstripe reader, insertable SmartCard reader, insertable SmartCard reader with bridge battery, bridge battery (without SmartCard reader) includes medium corner guards and rotating hand strap.

Requires software and activation to enable theft protection.

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

Accessories and Integrated Options may vary depending on your configuration. Please visit the Panasonic website for more accessories and details.

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1.800.662.3537
na.panasonic.com/us/ToughbookG1

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