Panasonic

Panasonic recommends Windows 10 Pro.

TOUGHPAD FZ-G1

- 7th Generation Intel® Core™ i5 vPro™ Processor

- Daylight-readable Display with Gloved Multi Touch + Waterproof Digitizer Pen

- Up to 22 Hours of Use with an Optional Long Life Battery[1,6]

- Integrated Bridge Battery[6], SmartCard[6], 2D Barcode, Magstripe[6] RFID, Dedicated GPS, Serial Options and More[2,3]

- Certified for Use in Hazardous Locations on selected models (Class I Division 2)[4,12]

- 3-year Warranty with Business Class Support

- Thermal Camera Option[3]

- IR Camera option, supports "Windows Hello"[5]

4-FOOT DROP RATING

IP65

MIL-STD-810G

ONE OF 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 Toughpad FZ-G1 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.

1.866.413.3099
business.panasonic.ca

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SOFTWARE
- Windows 10 Pro 64-Bit

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 ANSI/ISA 2.12.01-2013 Class I Division 2 on selected models.[10]
- 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™ i5-7300U vPro™ Processor
  – 2.6GHz with Intel® Turbo Boost up to 3.5 GHz
  – Intel Smart Cache 3MB

STORAGE & MEMORY
- 8GB DDR3L SDRAM[5,6]
- 256GB solid state drive (SSD) with heater[5,6]
- Optional 512GB and 1TB Option[5,6,13]

DISPLAY
- 10.1" WUXGA 1920 x 1200 with LED backlighting
- 10-point capacitive multi touch + waterproof 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® HD Graphics 620 (Built-in CPU) video controller
- Concealed mode (configurable)

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

CAMERAS
- 2 MP (1920 x 1080 pixels), 30 fps(Video), Monaural Microphone
- Infrared Sensor with Windows Hello Support[15]
- 8MP rear camera with auto focus and LED flash

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)
- On-Screen QWERTY keyboard
- Integrated stylus holder

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
  - Sierra Wireless™ EM7455
- Optional GPS (U-blox)[3]
- Intel® Dual Band Wireless AC8265 Wi-Fi 802.11a/b/g/n/ac
- Bluetooth® v4.2 Classic mode/Low Energy mode Class 1
- Dual high-gain antenna pass-through

POWER SUPPLY
- Li-Ion battery pack:
  – Standard battery: Li-ion 11.1 V, 4200 mAh (typ.), 4080 mAh (min.)
  – Optional long life battery[1]:   Li-ion 10.8V, 9300mAh(typ.), 8700mAh (min.)
- Battery operation[1]:
  – Standard battery: 11 hours
  – Optional long life battery[1]:   22 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
- Optional bridge battery[1,2] (1 minute swap time)
- AC Adapter: Input: 100 V - 240 V AC, 50 Hz/60 Hz, Output: 16 V DC, 4.06A

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.2.0[14]
- Absolute® Data Device Security (DDS) theft protection agent in BIOS[9]
- Insertable SmartCard reader[2,8]
- Optional Contactless SmartCard/HF RFID reader or UHF 900MHz RFID reader[2,6]
  – ISO 14443 A/B compliant

WARRANTY
- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT[10]
- 10.6"(L) x 7.4"(W) x 0.8"(H)
- 2.4 lbs. (standard battery)
- 2.9 lbs. (optional long life battery)[8]

INTEGRATED OPTIONS[11]
- 4G LTE multi carrier mobile broadband with satellite GPS
- Choice of 1D/2D barcode reader (EA11 or EA21), GPS (U-blox), True Serial with Dongle, Ethernet, MicroSD or 2nd USB 2.0 port[3]
- Choice of bridge battery (thin cover and medium corner guards), magstripe reader, insertable SmartCard reader, insertable SmartCard reader with bridge battery, contactless SmartCard/HF RFID reader or UHF 900MHz RFID reader (EPC Gen 2)[2, 6]

HAZARDOUS LOCATION CERTIFICATIONS[12]
- ANSI/ISA 2.12.01-2013
  – Optional class I division 2, groups ABCD certified model

SELECT ACCESSORIES[6]
AC Adapter (3-prong)	CFAA6413CM
Standard Battery Pack	FZ-VZSU84A2U
Long Life Battery Pack[8]	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 Professional Portfolio	TBCG1PFLIOBLKP
ToughMate G1 "X" Hand Strap	TBCG1XSTPP
Desktop Cradle	FZVEBG11AU
Tether	FZVNTG11U
10.1" LCD Protective Film	FZVPFG11U
Waterproof Replacement Stylus	FZVNPG12U

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. Magstripe reader, insertable SmartCard reader, insertable SmartCard reader with bridge battery, long life battery and UHF RFID reader include tall corner guards and rotating hand strap. Bridge battery (without SmartCard reader) includes medium corner guards and rotating hand strap.
[7] The size of the VRAM cannot be set by the user and varies by operating system as well as size of RAM. Windows 10 Pro max. VRAM is 4168MB.
[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
[14] TPM 2.0 available upon request
[15] IR Camera Model Only

ENERGY STAR

intel CORE i5 vPro inside

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