Panasonic



Panasonic recommends Windows.

TOUGHBOOK 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[6], Serial Options and More[2,3]
- Certified for Use in Hazardous Locations on selected models (Class I Division 2)[10]
- 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

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

The Toughbook® 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.

1.800.662.3537
na.panasonic.com/us/ToughbookG1

TOUGHBOOK®

TOUGHBOOK FZ-G1

Panasonic recommends Windows.

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 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 3.5 GHz with Intel® Turbo Boost Technology
  - Intel Smart Cache 3MB

STORAGE & MEMORY
- 8GB DDR3L SDRAM[4,5]
- 256GB solid state drive (SSD) with heater[4,5]
- 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
  - 2-800 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

AUDIO
- Integrated microphone
- Intel® 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
  - Supports glove mode and wet-touch mode
- 7 tablet buttons (2 user-definable)
- Integrated stylus holder
- On-screen QWERTY keyboard

CAMERAS
- 2 MP (1920 x 1080 pixels), 30fps(Video), Monaural Microphone
  - Infrared Sensor with Windows Hello support[5]
- 8MP rear camera with autofocus and LED flash

INTERFACE

Docking connector	24-pin
HDMI	Type A
Headphones/speaker	Mini-jack stereo
USB 3.0 (x 1)[2]	Type A
Optional second USB 2.0[3]	Type A
Optional 10/100/1000 Ethernet[3]	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)[3]
- 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[7]: Li-ion 10.8V, 9300mAh(typ.), 8700mAh (min.)
- Battery operation[1]:
  - Standard battery: 11 hours
  - Optional long life battery[6]: 22 hours
- Battery charging time[1]:
  - Standard battery: 2.5 hours off, 3 hours on
  - Optional long life battery[6]: 3 hours off, 4 hours on
- Optional bridge battery[6] (1 minute swap time)
- AC Adapter: Input: 100 V - 240 V AC, 50 Hz/ 60 Hz, Output: 16 V DC, 4.06A

SECURITY FEATURES
- Password Security: Supervisor, User, Hard Disk Lock
- Kensington cable lock slot
- Trusted platform module (TPM) security chip v.2.0[7]
- Computrace® theft protection agent in BIOS[7]
- Optional Insertable SmartCard reader[2,6]
- Optional Contactless SmartCard/HF RFID reader[2]
  - ISO 14443 A/B compliant

WARRANTY
- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT[8]
- 10.6"(L) x 7.4"(W) x 0.8"(H)
- 2.4 lbs. (standard battery)
- 2.9 lbs. (optional long life battery)[7]

INTEGRATED OPTIONS[9]
- 4G LTE multi carrier mobile broadband with satellite GPS
- Choice of LED or Laser 2D barcode reader (EA15 or EA21), GPS, Serial Dongle, Ethernet, MicroSDXC or second USB 2.0 port[3]
- 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[2,6]
- Thermal camera option[3]

ACCESSORIES[9]

AC Adapter (3-prong)	CF-AA6413CM
Standard Battery Pack	FZ-VZSU84A2U
Long Life Battery Pack[6]	FZ-VZSU88U
MIL-461F version of standard battery (required to be 461Fcompliant)	FZ-VZSU89A2U
Long Life Battery Bundle (includes rotating hand strap and corner guard set)	FZ-BNDLG1LL1ST1CG4
Single Battery Charger Bundle	FZ-BNDLG1BATCHRG
LIND 3-Bay Battery Charger	FZ-LND3BAYG1
LIND Car Adapter 120W	CF-LNDDC120
LIND Car/AC Adapter 90W (with USB port)	CF-LNDACDC90
LIND Car Adapter 90W MIL-STD	CF-LNDMLDC90
Tall Corner Guard Set	FZ-WCGG111
Rotating Hand Strap and Tall Corner Guard Set Bundle	FZ-BNDLG1ST1CG4
ToughMate G1 Always-On Case (with hand strap)	TBCG1AONL-P
ToughMate G1 Professional Portfolio	TBCG1PFLIO-BLK-P
ToughMate G1 "X" Hand Strap	TBCG1XSTP-P
Desktop Cradle	FZ-VEBG11AU
Vehicle Docks (no pass-through)	
– Gamber-Johnson	7160-0486-00-P
– Havis with LIND power supply	CF-H-PAN-702-P
Vehicle Docks (dual pass-through)	
– Gamber-Johnson	7160-0486-02-P
– Havis with LIND power supply	CF-H-PAN-702-2-P
Waterproof digitizer pen	FZ-VNPG12U
Tether	FZ-VNTG11U
10.1" LCD Protective Film	FZ-VPFG11U
Payment sleeve for Verifone e355	FZ-VPGG11M

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 2014.

[2] 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 3.0 port, HDMI port and Audio Jack 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, Barcode Reader, Thermal sensor, MicroSDXC and second USB 2.0 port are mutually exclusive options.

[4] 1GB = 1,000,000,000 bytes. Total usable memory will be less depending upon actual system configuration.

[5] When GPS or second USB is integrated, the webcam with infrared sensor cannot be installed.

[6] 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] Requires software and activation to enable theft protection.

[8] Length measurements do not include protrusions. Weight varies with options and digitizer pen.

[9] Accessories and Integrated Options may vary depending on your configuration. Visit the Panasonic website for more accessories and details.

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





1.800.662.3537

na.panasonic.com/us/ToughbookG1

TOUGHBOOK®

Panasonic is constantly enhancing product specifications and accessories. Specifications subject to change without notice.Trademarks are property of their respective owners. | ©2018 Panasonic Corporation of North America. All rights reserved. Toughbook FZ-G1 mk5 Spec Sheet_07/18 | PSC-M18978SS