

Panasonic recommends Windows.

Panasonic



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, Barcode, Magstripe, RFID, Serial Options and More^{2,3}
- Certified for Use in Hazardous Locations (Class I Division 2)¹¹
- 3-Year Warranty with Business Class Support

4-FOOT
DROP RATING

IP65

MIL-STD-
810G

THE WORLD'S THINNEST AND LIGHTEST FULLY RUGGED 10.1" WINDOWS® TABLET.

The Toughpad® FZ-G1 Windows® 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. Powered by an Intel® Core™ i5 vPro™ processor with a MIL-STD-810G- and IP65-certified design, the Toughpad FZ-G1 Windows tablet leads the way in rugged mobile computing. Add to that an HD daylight-readable gloved multi touch + digitizer screen, and it becomes an essential tool for field workers.


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TOUGHPAD®

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SOFTWARE	<ul style="list-style-type: none"> Windows 8.1 Pro 64-bit (available Windows 7 Professional downgrade option) Panasonic Utilities including Dashboard, Recovery Partition 														
DURABILITY	<ul style="list-style-type: none"> 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 class 1 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 Preinstalled replaceable screen film for LCD protection 														
CPU	<ul style="list-style-type: none"> Intel® Core™ i5-4310U vPro™ Processor <ul style="list-style-type: none"> 2.0GHz with Turbo Boost up to 3.0GHz Intel Smart Cache 3MB 														
STORAGE & MEMORY	<ul style="list-style-type: none"> 8GB DDR3L SDRAM^{4,5} 128GB or 256GB solid state drive (SSD) with heater^{4,5} Optional 128GB or 256GB SSD (OPAL encrypted)^{4,5} <ul style="list-style-type: none"> up to 64GB additional storage with optional microSDXC card slot 														
DISPLAY	<ul style="list-style-type: none"> 10.1" WUXGA 1920 x 1200 with LED backlighting 10-point capacitive multi touch + digitizer daylight-readable screen <ul style="list-style-type: none"> 2-800 nit IPS display with direct bonding Antireflective and antiglare 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-bit⁶ Concealed mode (configurable) 														
AUDIO	<ul style="list-style-type: none"> Integrated microphone Realtek high-definition audio Integrated speaker On-screen and button volume and mute controls 														
KEYBOARD & INPUT	<ul style="list-style-type: none"> 10-point gloved multi touch + digitizer screen <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 720p webcam with mic 8MP rear camera with autofocus and LED light 														
EXPANSION	<ul style="list-style-type: none"> Optional microSDXC³ 														
INTERFACE	<table border="0"> <tr> <td>Docking connector</td> <td>24-pin</td> </tr> <tr> <td>HDMI</td> <td>Type A</td> </tr> <tr> <td>Headphones/speaker</td> <td>Mini-jack stereo</td> </tr> <tr> <td>Optional Serial Dongle³</td> <td>D-sub 9-pin</td> </tr> <tr> <td>USB 3.0 (x 1)²</td> <td>4-pin</td> </tr> <tr> <td>Optional second USB 2.0³</td> <td>4-pin</td> </tr> <tr> <td>Optional 10/100/1000 Ethernet³</td> <td>RJ-45</td> </tr> </table>	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	4-pin	Optional second USB 2.0 ³	4-pin	Optional 10/100/1000 Ethernet ³	RJ-45
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Optional 10/100/1000 Ethernet ³	RJ-45														
WIRELESS	<ul style="list-style-type: none"> Optional integrated 4G LTE multi carrier mobile broadband with satellite GPS Optional GPS (u-blox NEO M8N)³ Intel® Dual Band Wireless AC7260 Wi-Fi 802.11a/b/g/n/ac Bluetooth® v4.0 (Class 1) + EDR Security <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Li-Ion battery pack: <ul style="list-style-type: none"> Standard battery: 10.8V, typical 4400mAh, minimum 4100mAh) Optional long life battery²: 10.8V, typical 9300mAh, minimum 8700mAh) Battery operation¹: <ul style="list-style-type: none"> Standard battery: 10 hours Optional long life battery²: 20 hours Battery charging time¹: <ul style="list-style-type: none"> Standard battery: 2.5 hours off, 3 hours on Optional long life battery²: 3 hours off, 4 hours on Optional bridge battery² (1 minute swap time) 														
POWER MANAGEMENT	<ul style="list-style-type: none"> Suspend/Resume Function, Hibernation, Standby 														
SECURITY FEATURES	<ul style="list-style-type: none"> 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 BIOS⁸ Optional Insertable SmartCard reader^{2,7} Optional Contactless SmartCard/HF RFID reader² <ul style="list-style-type: none"> ISO 15693 and 14443 A/B compliant 														
WARRANTY	<ul style="list-style-type: none"> 3-year limited warranty, parts and labor 														
DIMENSIONS & WEIGHT⁹	<ul style="list-style-type: none"> 10.6"(L) x 7.4"(W) x 0.8"(H) 2.4 lbs. (standard battery) 3.0 lbs. (optional long life battery)⁷ 														

INTEGRATED OPTIONS¹⁰
<ul style="list-style-type: none"> 4G LTE multi carrier mobile broadband with satellite GPS Choice of 1D/2D barcode reader (EA11 or EA21), GPS, Serial Dongle, Ethernet, MicroSDXC or second USB 2.0 port³ Choice of bridge battery, magstripe reader, insertable SmartCard reader, contactless SmartCard/RFID HF reader or UHF 900MHz RFID reader [EPC Gen 2]^{2,7}

HAZARDOUS LOCATION CERTIFICATIONS¹¹
<ul style="list-style-type: none"> ANSI/ISA 2.12.01-2013 <ul style="list-style-type: none"> Optional class 1 division 2, groups ABCD certified model

ACCESSORIES¹⁰	
<ul style="list-style-type: none"> AC Adapter (3-prong) Standard Battery Pack Long Life Battery Pack⁷ 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/AC Adapter 90W (with USB port) LIND Car Adapter 90W MIL-STD Tall Corner Guard Set Rotating Hand Strap and Tall Corner Guard Set Bundle ToughMate G1 Always-On Case (with hand strap) ToughMate G1 Professional Portfolio ToughMate G1 "X" Hand Strap Desktop Cradle Vehicle Docks (no pass-through) <ul style="list-style-type: none"> Gamber-Johnson <ul style="list-style-type: none"> Has with LIND power supply Vehicle Docks (dual pass-through) <ul style="list-style-type: none"> Gamber-Johnson <ul style="list-style-type: none"> Has with LIND power supply Replacement Digitizer Pen Tether 10.1" LCD Protective Film 	<ul style="list-style-type: none"> CF-AA6413CM FZ-VZSU84U FZ-VZSU88U FZ-BNDLG1LL1ST1CG4 FZ-BNDLG1BATCHR FZ-LND3BAYG1 CF-LNDDC120 CF-LNDACDC90 CF-LNDMLDC90 FZ-WCGG111 FZ-BNDLG1ST1CG4 TBCG1A0NL-P TBCG1PFLIO-BLK-P TBCG1XSTP-P FZ-VEBG11AU 7160-0486-00-P CF-H-PAN-702-P 7160-0486-02-P CF-H-PAN-702-2-P FZ-VNPG11U-S FZ-VNTG11U 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 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, MicroSDXC and second USB port are mutually exclusive options.
⁴ 1GB = 1,000,000,000 bytes.
⁵ Total usable memory will be less depending upon actual system configuration.
⁶ The size of the VRAM cannot be set by the user and varies by operating system as well as the size of the RAM. Windows 7 max. VRAM is 1555MB.
⁷ Bridge battery, magstripe reader, insertable SmartCard reader and UHF RFID reader include tall corner guards and rotating hand strap.
⁸ Requires software and activation to enable theft protection.
⁹ Length measurements do not include protrusions. Weight varies with options and digitizer pen.
¹⁰ Accessories and Integrated Options may vary depending on your configuration. Visit the Panasonic website for more accessories and details.
¹¹ Hazardous location certifications may not apply to all configurations. Consult your Panasonic representative for availability.

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