



TOUGHBOOK G2

10.1" FULLY RUGGED WINDOWS PRO TABLET / 2-IN-1

** Windows 10 Pro available through downgrade rights from Windows 11 Pro licence*

The TOUGHBOOK G2 is the next generation rugged device for mobile workforces. It offers all the benefits of the latest technology, while maintaining important access to legacy systems. All of this, wrapped up in a more flexible, secure and ultimately even more usable device.

The TOUGHBOOK G2 incorporates a groundbreaking modular product design that has three expansion areas offering up to 36 different combinations to deliver the ultimate customised user computing experience.

- Intel® Core™ i5-10310U vPro™ processor
- Windows 10 Pro available through downgrade rights from Windows 11 Pro licence
- 10.1" high brightness IPSa WUXGA (1920x1200) display (up to 1000cd/m²)
- Capacitive 10 finger touchscreen with glove and rain modes and Digitiser Pen
- Configuration Port (serial, LAN, USB 2.0 or Thermal by FLIR) Rear Expansion Area (Smart Card Reader or HF-RFID (NFC) Reader) ²
- Up to 12 hours battery life or up to 18.5 hours with optional extended battery ²
- IP65 Water and Dust Resistant
- Up to 180cm Drop Resistance ¹
- Designed to meet MIL-STD-810H ¹
- -29°C to +63°C Operating Temperature ¹

¹ Tested by an independent third party lab following MIL-STD810H Method 516.8 Procedure IV for transit drop test and Method 501.7 and 502.7 Procedure II for operation temperature test. May differ depending on models and options.

² Optional



Evolved To Adapt

An evolution of the best-selling Panasonic TOUGHBOOK G1 tablet and 20 detachable, this latest tablet is powered by an Intel® Core™ i5 vPro™ processor, delivering incredibly stable performance. With its long battery life and outdoor viewable, glove-enabled touchscreen, it's a versatile yet tough technology companion for mobile workers.

For those existing TOUGHBOOK users, the G2 is compatible with most TOUGHBOOK G1 and TOUGHBOOK 20 docks for seamless integration into vehicles and fixed office or work sites. Additional optional accessories such as carry straps and multi-bay bay chargers will also help make the G2 your indispensable mobility partner out in the field.



Mobile Computing Platform	Intel® Core™ i5-10310U vPro™ Processor 6 MB cache, 1.7 GHz up to 4.4 GHz with Intel® Turbo Boost Technology	
Operating System	Windows 10 Pro available through downgrade rights from Windows 11 Pro licence	
RAM	16GB DDR4	
Storage	512GB OPAL NVMe SSD	
Graphic Chip	Intel® UHD Graphics	
LCD	10.1" sunlight-viewable WUXGA Active Matrix (TFT) IPSa colour LCD (up to 1000cd/m ² brightness)	
Touchscreen	10 finger capacitive multi-touchscreen + digitiser with glove and rain modes	
Bluetooth™	5.1 + EDR Class 1	
Wireless LAN	Intel® Wi-Fi6 AX201	
Mobile Broadband ¹	4G LTE, supports 3G	
GPS ¹	U-Blox NEO-M8N	
Sound	Intel® High Definition Audio subsystem support, Stereo speaker	
Camera	Front:	2 MP with IR / privacy shutter (Windows Hello compliant)
	Rear:	8 MP with autofocus and LED flash
Configuration Port ²	Serial, 2D Barcode Reader, 2nd USB 2.0, 2nd LAN, Thermal by FLIR	
Rear Expansion Bay Area ²	Smart Card Reader, HF-RFID (NFC) Reader	
Interface	USB 3.1:	x1
	USB 3.1 type C PD:	x1
	LAN:	x1
	DC In:	x1
	Port Replicator:	x1
	Dual Antenna Connector:	x1
Power	Power Management:	Hot swap, standby function, ACPI BIOS
	AC Adapter:	Input: 100 V - 240 V AC, 50 Hz/ 60 Hz, Output: 15.6 V DC, 7.05 A
	Battery:	Standard: Li-ion 11.4V, 4360mAh (50Whr) Extended (optional) ¹ : Li-ion 10.8V, 6300mAh (68Whr)
	Battery Life:	Standard: Approx 12 hours (Mobile Mark™ 2014) ³ Extended: Approx 18.5 hours (Mobile Mark™ 2014) ³
Security	TPM (TCG V2.0 compliant), Password security, Integrated hardware security lock slot	
Dimensions (W x H x D)	279mm x 188mm x 23.5 mm	
Weight	Approx 1.19kg	
Accessories	AC Adapter ¹	CF-AA5713A2
	Standard battery pack	FZ-VZSU1TU
	Extended battery pack ¹	FZ-VZSU1UU
	Emissive backlit keyboard ¹ (with x1 USB type A and x1 USB type c)	FZ-VEKG21LM (US English)
	Desktop port replicator ¹	FZ-VEBG21U
	Digitiser Stylus pen ¹	FZ-VNPO26U
	Smart Card Reader ¹	FZ-VSCG211U
	HF-RFID (NFC) Reader ¹	FZ-VRFG211U
Testing Standards ⁴	Drop Resistance	Up to 180cm ⁴
	Dust Resistance	IP6x
	Water Resistance	IPx5
	Military Spec	MIL-STD-810H ⁴
	Operating Temperature	-29°C to + 63°C ⁴
Standard Configuration	FZ-G2mk1, 16GB RAM, 512GB OPAL SSD, standard battery pack, IP55 digitiser pen	
Included in the box	Power supply, power cord, display cleaning cloth, stylus & tether and user manual	

¹ Optional

² Exclusive option, pre-configured or accessory

³ Battery life measurement conditions: Wireless LAN connection enabled, continuous access to the server while browsing, swipe every 1 second, page change every 20 seconds.

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Active Matrix colour display conforms to industry standards. Some displays may contain isolated illuminated or dark pixels as an artefact of the manufacturing process (effective pixels: minimum 99.998%). RAM capacity calculated as follows: 1MB = 1,048,576 bytes. Capacity calculated as follows: 1GB = 1,000,000,000 bytes. TOUGHBOOK is a brand name and registered trademark of Panasonic Holdings Company. Intel, the Intel logo, Intel Core, Intel vPro, Core Inside and vPro Inside are trademarks of Intel Corporation in the U.S. and other countries. Microsoft® and Windows® are registered trademarks of Microsoft® Corporation of the United States and/or other countries. All other brand names shown are the registered trademarks of the relevant companies. All rights reserved. All working conditions, times and figures quoted are optimum or ideal levels and may differ as a result of individual and local circumstances.

Mobile Solutions Business Division - Panasonic Connect Oceania

