



10.1" fully rugged Windows 11 Pro Tablet

TOUGHBOOK G2 Series

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 useable device.

Key Features

Windows 11 Pro

Intel® Core™ Ultra5 processor 135U (with Intel vPro Technology)

10.1" Active Matrix (TFT) colour LCD 1920 x 1200 (WUXGA) LCD with sunlight-viewable glove-enabled capacitive touchscreen (up to 1.000cd/m²), IP55 Digitiser

IP65 Water and dust resistant, Tested against MIL-STD 810H

Long battery life of up to 15 hours (Mobile Mark™ 25) with extended Battery

TOUGHBOOK



TOUGHBOOK G2 Series

EVOLVED TO ADAPT

An evolution of the best-selling Panasonic Toughbook G1 tablet and 20 detachable, this latest tablet is powered by the Intel Core™ Ultra5 processor 135U (with Intel vPro Technology), delivering incredible performance, and is shipping with Windows 11 Pro. It also has a rich set of business interfaces with additional customisable options to meet a worker's needs. With its long battery life and outdoor viewing, glove-enabled touchscreen, it's a versatile yet tough technology companion for mobile workers.

Panasonic Connect GmbH, Mobile Solutions Business Division, Hagenauer Straße 43, 65203 Wiesbaden, Germany

<https://eu.connect.panasonic.com/gb/en/toughbook-g2-series>

Operating System	Windows 11 Pro
Mobile Computing Platform	Intel® Core™ Ultra5 processor 135U (with Intel vPro® Technology)
Graphic Chip	Intel® Graphics (Built-in CPU)
RAM	16GB (max. 32GB) DDR5x
Storage	512GB OPAL NVMe SSD (up to 2TB optional)
LCD	10.1" Active Matrix (TFT) colour LCD 1920 x 1200 (WUXGA) LCD with sunlight-viewable glove enabled capacitive touchscreen (up to 1.000cd/m²), IP55 Digitiser
Wireless	Mobile Broadband*: 4G or 5G with SIM/eSIM support Wireless LAN: Intel® Wi-Fi 6E AX211 GPS*: U-Blox NEO-M9N Series (not compatible to 5G model) LAN: IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T Bluetooth™: 5.3 Class 1 Mobile
Interfaces	USB 3.2 Gen 1 Type A: x1 Thunderbolt 4: x1 LAN: x1 Dual Antenna Connector: x1
Rear expansion area	Smart Card Reader, HF-RFID (NFC) Reader, Fingerprint Reader***
Top Expansion Area	Serial, 2D Barcode Reader, 2nd USB 2.0, 2nd LAN, Thermal by FLIR, Micro-SD**
Front Camera	2 MP with IR / privacy shutter (Windows Hello compliant)
Rear Camera	13 mpixel with autofocus and LED flash
Sound	Intel® High Definition Audio subsystem support, Stereo speaker
Security	TPM (TCG V2.0 compliant), Integrated hardware security lock slot, Windows Hello compliant Webcam
Keyboard & Input (Keyboard)	x1*
Pointing device: Touchscreen (Touch panel)	Dual Touch (10 Finger touch (Capacitive) & Digitizer)
Dimensions: Main Unit + Keyboard (WxHxD)	287 mm x 235 mm x 52.7 mm / 11.3" x 9.3" x 2.1" (without protruding parts)
Dimensions: Main Unit (WxHxD)	Standard: 279mm x 188mm x 23.5 mm / 11.0" x 7.4" x1.0" (without protruding parts)Quick Release: 279 mm x 188 mm x 28.1 mm / 11.0" x 7.4" x1.1" (without protruding parts)
Weight: Main Unit	Standard Model: Approx. 1.19kg / 2.64lbQuick Release Model: Approx. 1.32kg / 2.9lb
Battery Life	Standard Model: Approx 11 hours (Mobile Mark™ 25) Extended: Approx 15 hours (Mobile Mark™ 25)Quick Release Model: Approx 15 hours (Mobile Mark™ 25)
Power Supply: AC Adaptor	Input: 100 V - 240 V AC, 50 Hz / 60 Hz, Output: 15.6 V DC, 7.05 A
Power Supply: Battery	Standard Model: Li-ion 11.4V, 4360mAh (50Whr), Extended: Li-ion 10.8V, 6300mAh (68Whr)Quick Release Model: Li-ion 10.8V, 6300mAh min. (68Whr)
Power Supply: Hot Swap	Standby function, ACPI BIOS, Hot swap optional
Drop resistance	MIL-STD 810H, 180cm ****
Dust resistance	IEC529 (JIS C0920) IP6x ****
Water resistance	IEC529 (JIS C0920) IPX5 ****
Operating temperature	MIL-STD 810H, -29 °C to 63 °C ****
Included in the box	Power Supply, Power Cord, User Manual
Integrated options	Port Replicator: x1
Electromagnetic Compatibility (EMC)	MIL-STD461G****
Footnote Description	* Optional ** One option exclusive possible in Top Expansion Bay Area, End User replaceable *** One option exclusive possible in Rear Expansion Bay Area, End User replaceable **** Tested by an independent third party lab following MIL-STD-810H and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14.3

TOUGHBOOK G2 mk3 Standard: September 2024

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.