



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 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.

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

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|---|--|
| 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-Fi6E 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" x 1.0" (without protruding parts)Quick Release: 279 mm x 188 mm x 28.1 mm / 11.0" x 7.4" x 1.1" (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-STD461 G**** |
| 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

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