



**Windows 11 Pro Fully Rugged Laptop with 14.0"
Outdoor Display and Modular Expansion Areas.**

TOUGHBOOK 40 mk2

The 14.0" fully-rugged Panasonic TOUGHBOOK 40 laptop breaks new ground offering unrivaled flexibility in even the most demanding and unpredictable environments, including Defence, Mining and Utilities. It has a modular design that allows mobile workers to modify the device quickly and easily for different challenges by equipping 8 expansion areas. The powerful rugged laptop is built for use in the most extreme conditions and designed for field specialists, incorporating quick release self-encrypting secure drives and providing up to 36-hours of battery life to support mission critical operations.

Key Features

Intel® Core™ Ultra5 135H Processor (with Intel vPro® Technology) / Intel® Core™ Ultra7 165H (with Intel vPro® Technology) Processor

Windows 11 Pro

14.0" Active Matrix (TFT) colour LCD 1920 x 1080 (FHD) with sunlight-viewable glove-enabled touchscreen (up to 1,200cd/m²)

Up to 180cm drop resistance***, IP66 water and dust resistance, MIL-STD 810H certified***

Long battery life of up to 18 hours (up to 36 hours with optional 2nd battery*)





TOUGHBOOK 40 mk2

<https://ap.connect.panasonic.com/my/en/toughbook-40-mk2>

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| Mobile Computing Platform | Intel® Core™ Ultra5 135H Processor (with Intel vPro® Technology) / Intel® Core™ Ultra7 165H (with Intel vPro® Technology) Processor |
| Operating System | Windows 11 Pro |
| RAM | Built-in 16GB RAM (max 64GB RAM*) |
| Graphic Chip | Intel® Graphics (Built-in CPU), support Intel® Arc™ Graphics when equipped with 2 RAM modules |
| Storage | Quick release 512GB NVMe OPAL SSD (with heater). Optional 2nd SSD* |
| LCD | 14.0" Active Matrix (TFT) colour LCD 1920 x 1080 (FHD) LCD with sunlight-viewable glove-enabled touchscreen (up to 1,200cd/m ² brightness) |
| Bluetooth™ | 5.1 Class 1 |
| Wireless LAN | Intel® Wi-Fi6 AX201 |
| Mobile Broadband* | 4G LTE |
| GPS* | U-Blox NEO-M8J |
| LAN | IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (optional 2nd GLAN*) |
| Sound | Waves MaxxAudio® Stereo Speakers 4 integrated microphones |
| Security | TPM 2.0, Password security, Integrated hardware security lock slot |
| Front Camera | 5MP with IR / privacy shutter (Windows Hello compliant) optional* |
| USB 3.2 | x2 (Gen 1 Type-A) |
| Thunderbolt 4 | x1 |
| Micro SDXC Memory Card | x1 |
| HDMI | x1 |
| Headset | x1 |
| DC In | x1 |
| Port Replicator | x1 |
| Quad Path Through Connector | x1 |
| Left Expansion Area** | 2nd SSD, Smart Card Reader, DVD Multi Drive, Blu Ray Drive. |
| Right Expansion Area** | 2nd Battery, |
| Rear Expansion Area** | Smart Card Reader, VGA + True Serial (RS232) + 2nd native GLAN, USB 3.1 Type A + True Serial (RS232) + 2nd HDMI, USB 3.1 Type A + USB 3.1 Type A + 2nd HDMI. |
| Palm Rest Expansion Area** | Fingerprint reader (Windows Hello), Fingerprint reader (Windows Hello, Multi-user authentication), Contactless Smart Card Reader. |
| AC Adapter | Input: 100V - 240V AC, 50Hz/ 60Hz, Output: 15.6V DC, 7.05A |
| Battery | Lithium-Ion 10.8V, 6500mAh (typical), 6300mAh (minimum) |
| Battery Life | Standard: approx 18 hours (Mobile Mark™ 2014), With optional 2nd battery: approx 36 hours (Mobile Mark™ 2014)* |
| Power Management | Standby function, ACPI BIOS |
| Dimensions (WxHxD) | 354mm x 301 mm x 54.4mm (without protruding parts) |
| Weight | Approx 3.35kg (depending on configuration) |
| Drop Resistance | MIL-STD810H, 180cm*** |
| Dust Resistance | IP6x |
| Water Resistance | IPx6 |
| Operating Temperature | MIL-STD810H, -29°C to +63°C*** |
| Standard Configuration | TOUGHBOOK 40 mk2, 16GB RAM, 512GB SSD, 1 x standard battery pack |

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| Included in the box | Power Supply, Power Cord, Capacitive Stylus Pen, Display Cleaning Cloth and User Manual |
| Footnote | *Optional **One option exclusive possible in configuration port / business expansion module ***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 |

