Panasonic CONNECT

Panasonic recommends Windows 11 Pro for business.

Equipped with a fully rugged design, a specialised module and a shock-proof mount, the TOUGHBOOK 40 Tactical delivers superior in-vehicle connectivity for wheeled and tracked military vehicles.

TOUGHBOOK 40 Tactical

TOUGHBOOK 40 Tactical with Windows 11 Pro, magnesium chassis and flexible configurations is the most versatile 14" fully rugged Toughbook ever built, but doesn't compromise on durability with improved strength and IPx6 resistant design. In terms of flexibility, the TOUGHBOOK 40 Tactical is designed to meet exacting military standards.

Key Features

- Intel® Core™ Ultra 5 135H Processor (with Intel vPro® Technology) / Intel® Core™ Ultra 7 165H Processor (with Intel vPro® Technology) optional
- 14" Active Matrix (TFT) colour LCD 1,920 × 1,080 pixels (Full-HD), 1.200 cd/m² brightness, capacitive 10 finger Touch Screen, rain and glove enabled
- Windows 11 Pro 64-bit
- Maximum flexibility by four Expansion Areas
- Up to 12 hours battery life with standard battery

TOUGHBOOK

intel CORE ULTRA 7

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TOUGHBOOK 40 Tactical

This high-performance device is a Windows 11 Secured-core PC, with an Intel® Core Ultra™ i5 vPro processor with i7 optional, 16GB DDR5 RAM with up to 64GB optional, and a quick release 512GB NVMe OPAL SSD as standard with up to 2TB optional. It has all the latest communication capabilities required on operations, including options for eSIM and LTE, as well as 5G. It is designed for use with all the major GPS navigation systems and offers WiFi 6, Bluetooth 5.3 and Thunderbolt 4.

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https://eu.connect.panasonic.com/gb/en/toughbook/toughbook-40-tactical

Mobile Computing Platform	Intel® Core™ Ultra 5 135H Processor (with Intel vPro® Technology) / Intel® Core™ Ultra 7 165H Processor (with Intel vPro® Technology) optional
Operating System	Windows 11 Pro 64-bit
RAM	16 GB DDR5 RAM (max. 64 GB)
Graphic Chip	Intel® Graphics (Built-in CPU), support Intel® Arc™ Graphics when equipped with 2 RAM modules, AMD Radeon™ PRO W6300M project based
Storage	512 GB NVMe OPAL SSD (max. 2 TB)
LCD	14" Active Matrix (TFT) colour LCD 1,920 × 1,080 pixels (Full-HD), 1.200 cd/m² brightness, capacitive 10 finger Touch Screen, rain and glove enabled
Wireless LAN	Intel® Wi-Fi 7 BE200
Bluetooth™	5.3 Class 1
LAN	IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (2nd GLAN optional)
Sound	HD-Audio with Stereo Speakers
Mobile Broadband*	4G EM7690 with eSIM support / 5G EM9190 with eSIM support
Front Camera	5 MP with IR/privacy shutter (Windows Hello compliant)
Global Positioning*	u-blox NEO-M9N (supports GPS, GLONASS, Beidou, Galileo)
Enhanced Voice Recognition *	4 Microphones
Power Management	Standby function, ACPI BIOS
Weight	Approx. 3.35 kg
AC Adapter	Input: 100-240 V AC, 50/60 Hz, Output: 15.6 V DC, 7.05 A
Security	TPM (TCG V2.0 compliant) Password security (supervisor password, user password, hard disc lock) Integrated hardware security lock slot
Battery Life	Approx. 12 hours (Mobile Mark™ 25) Approx. 24 hours with 2nd battery (Mobile Mark™ 25)
Battery	Lithium-Ion 10.8 V, 6,300 mAh
Interfaces	Micro SDXC Memory Card ×1, USB 3.2 Type A ×2, Thunderbolt 4 ×1, HDMI ×1, LAN ×1, Headset ×1, DC in ×1, Port Replicator ×1, Quad Path Through Connector ×1
Hot Swap*	With 2nd Battery
Left Expansion Area**	2nd SSD (NVMe), Smart Card Reader, DVD Multi Drive, Blu-Ray Drive
Right Expansion Area**	2nd Battery, Smart Card Reader
Palm Rest Expansion Area**	Fingerprint reader (Windows Hello), Fingerprint reader (Windows Hello, Multi-user authentication), Contactless Smart Card Reader (HF-RFID)
Dimensions (W × H × D)	354 × 301 × 54.4 mm
Standard Configuration	FZ-40mk2, 16 GB RAM, 512 GB SSD, battery pack
Dust Resistance***	IP6x
Water Resistance***	IPx6
Operating Temperature***	-29 to +63 °C
Dimensions Module	143.7 × 76 × 34.3 mm (depending on Connectors)
Weight Module	Approx 260 g (depending on Connectors)
Dimensions Main Unit with Module	354 × 342 × 54.4 mm
Weight Main Unit with Module	Approx. 3.6 kg (depending on Connectors)
Note	* Optional ** Exclusive Option, pre-configured or accessory *** Tested by an independent third party lab following MIL-STD-810H and IEC 60529

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 Corporation. Acrobat® is a registered trademark of Adobe® Systems Incorporated. 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.