



14" FULLY RUGGED WINDOWS 11 PRO NOTEBOOK WITH FULL-HD TOUCH SCREEN

TOUGHBOOK 40 mk2

TOUGHBOOK 40 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 IP66 resistant design. In terms of flexibility, the TOUGHBOOK 40 is equally outstanding. It offers a huge array of flexible configuration options, making it easier for customers to have exactly the device they want.

Key Features

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

Windows 11 Pro 64-bit

14" Full-HD Active Matrix LCD, capacitive Touch Screen, 1.200cd/m² brightness

Maximum flexibility by four Expansion Areas

Up to 12 hours battery life with standard battery



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This high-performance device is a Windows 11 Core Ultra 5 vPro Secured-core PC, with a Core Ultra 5 vPro Intel® Core™ i5 vPro processor with i7 optional, 16GB 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 Global navigation systems and offers WiFi 7, Bluetooth 5.3 and Thunderbolt 4.

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<https://eu.connect.panasonic.com/gb/en/toughbook/toughbook-40-series/toughbook-40-mk2>

Operating System	Windows 11 Pro 64-bit
Mobile Computing Platform	Intel® Core™ Ultra5 135H Processor (with Intel vPro® Technology) / Intel® Core™ Ultra7 165H (with Intel vPro® Technology) Processor optional
Graphic Chip	Intel® Graphics (Built-in CPU), support Intel® Arc™ Graphics when equipped with 2 RAM modules
RAM	16GB DDR5 RAM (max. 64GB)
Storage	512GB NVMe OPAL SSD (max. 2TB)
LCD	14" Active Matrix (TFT) colour LCD 1920 x 1080 pixels (Full-HD), 1,200cd/m² brightness, capacitive 10 finger Touch Screen, rain and glove enabled
Wireless	Mobile Broadband: 4G EM7690 with eSIM support / 5G EM9190 with Stand Alone and eSIM support*, Global Positioning: u-blox NEO-M9N (supports GPS, GLONASS, Beidou, Galileo)*, Wi-Fi: Intel® Wi-Fi7 BE200, Bluetooth: 5.3 Class 1
Interfaces	USB 3.2: x 2, Thunderbolt™ 4: x 1, Micro SD-XC: x 1, HDMI: x 1, Optional VGA, LAN: IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (2nd GLAN optional), Optional Serial, Audio In/Out, SIM: Dual SIM (4FF, eSIM), Optional DVD Drive, Optional Blu-ray Drive
Left expansion area	(2nd SSD (NVMe), Smart Card Reader, DVD Multi Drive, Blu Ray Drive)**
Right expansion area	(2nd Battery, Smart Card Reader)**
Palmrest expansion area	(Fingerprint reader (Windows Hello), Fingerprint reader (Windows Hello, Multi-user authentication), Contactless Smart Card Reader (HF-RFID))**
Rear expansion area	(VGA + True Serial (RS232) + 2nd native GLAN or USB 3.2 Type A + True Serial (RS232) + 2nd HDMI or USB 3.2 Type A + USB 3.2 Type A + 2nd HDMI or 2nd HDMI + USB 3.2 Type A + 2nd USB 3.2 Type C)**
Front Camera	(5 MP with IR / privacy shutter (Windows Hello compliant))*
Sound	HD-Audio with Stereo Speakers
Security	TPM (TCG V2.0 compliant) Password security (supervisor password, user password, hard disc lock) Integrated hardware security lock slot
Pointing device: Touchpad	Yes
Dimensions: Main Unit (WxHxD)	345mm x 301mm x 54.4mm (without protruding parts)
Weight: Main Unit + Keyboard	Approx. 3.37 kg
Battery Life	Approx. 12 hours (Mobile Mark™ 25); Approx. 24 hours with 2nd battery (Mobile Mark™ 25)
Power Supply: AC Adaptor	Input: 100V - 240V AC, 50Hz/ 60Hz, Output: 15.6V DC, 7.05A
Power Supply: Battery	Lithium-Ion 10.8V, 6500mAh (typ.), 6300mAh (min.)
Power Supply: Hot Swap	(With 2nd Battery)*
Drop resistance	180cm***
Dust resistance	IP6x***
Water resistance	IPx6***
Operating temperature	-29°C to +63°C***
Model	FZ-40mk2, 16GB RAM, 512GB SSD, battery pack
Included in the box	Power Supply, Power Cord, capacitive pen, User Manual
Footnote Description	*Optional **Exclusive Option, pre-configured or accessory ***Tested by an independent third party lab following MIL-STD-810H and IEC 60529
Electromagnetic Compatibility (EMC)	MIL-STD461G*

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.