Panasonic
CONNECT

Panasonic recommends Windows 11 Pro for business.

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

TOUGHBOOK 40

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™ i5 1145G7 vPro™ Processor / Intel® Core™ i7 1185G7 vPro™ Processor optional

Windows 11 Pro 64-bit (Windows 10 Pro 64-bit Downgrade is available)

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

Maximum flexibility by four Expansion Areas

Up to 18 hours battery life with standard battery

TOUGHBOOK

TOUGHBOOK 40

This high-performance device is a Windows 11 Secured-core PC, with an 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 GPS navigation systems and offers WiFi 6, Bluetooth 5.1 and Thunderbolt 4.

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TOUGHBOOK 40mk1 Spec Sheet: May 2022

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

Mobile Computing Platform	Intel® Core™ i5 1145G7 vPro™ Processor / Intel® Core™ i7 1185G7 vPro™ Processor optional
Operating System	Windows 11 Pro 64-bit (Windows 10 Pro 64-bit Downgrade Model is available)
RAM	16GB DDR4 RAM (max. 64GB)
Graphic Chip	Intel® UHD Graphics, support Intel® Iris® Xe Graphics when 2 RAM Modules installed
Storage	512GB NVMe OPAL SSD (max. 2TB)
LCD	14" Active Matrix (TFT) colour LCD 1920 x 1080 pixels (Full-HD), 1.200cd/m²brightness, capacitive 10 finger Touch Screen
Bluetooth™	5.1 Class 1
Wireless LAN	Intel® Wi-Fi6 AX201
Mobile Broadband*	4G EM7690 with eSIM support / 5G EM9190 with Stand Alone and eSIM support
Global Positioning*	u-blox NEO-M8J (supports GPS, GLONASS, Beidou, Galileo)
LAN	IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (2nd GLAN optional)
Sound	Waves MaxxAudio® Stereo Speakers
Enhanced Voice Recognition*	4 Microphones
Front Camera	5 MP with IR / privacy shutter (Windows Hello compliant)
Micro SDXC Memory Card	x1
USB 3.2	x2
Thunderbolt 4	x1
HDMI	x1
Headset	x1
DC In	x1
Port Replicator	x1
Quad Path Through Connector	x1
Left Expansion Area**	2nd SSD (SATA), 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)
Rear Expansion Area**	VGA + True Serial (RS232) + 2nd native GLAN or USB 3.1 Type A + True Serial (RS232) + 2nd HDMI or USB 3.1 Type A + USB 3.1 Type A + 2nd HDMI
AC Adapter	Input: 100V - 240V AC, 50Hz/ 60Hz, Output: 15.6V DC, 7.05A
Battery	Lithium-Ion 10.8V, 6500mAh (typ.), 6300mAh (min.)
Battery Life	Approx. 18 hours (Mobile Mark™ 2014); Approx. 36 hours with 2nd battery (Mobile Mark™ 2014)
Power Management	Standby function, ACPI BIOS
Hot Swap*	With 2nd Battery
Dimensions (WxHxD)	345mm x 301mm x 54.4mm (without protruding parts)
Security	TPM (TCG V2.0 compliant) Password security (supervisor password, user password, hard disc lock) Integrated hardware security lock slot
Weight	Approx. 3.35 kg
Operating Temperature**	-29°C to +63°C
Standard Configuration	FZ-40mk1, 16GB RAM, 512GB SSD, battery pack
Included in the box	Power Supply, Power Cord, capacitive pen, Display cleaning cloth and User Manual
Drop Resistance**	180cm
Dust Resistance**	IP6x
Water Resistance**	IPx6
Resistance**	Drop: 180cm; Water: IPx6; Dust: IP6x
Footnote	*Optional; **Exclusive Option, pre-configured or accessory; ***Tested by an independent third party lab following MIL-STD-810H and IEC 60529