Panasonic CONNECT

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

TOUGHBOOK 40

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

Windows 11 Pro

Intel® Core™ i5-1145G7 vPro™ Processor (optional Intel®
Core™ i7-1185G7 vPro™*)

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*)

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TOUGHBOOK 40

https://ap.connect.panasonic.com/vn/en/products/toughbook/toughbook-40

Mobile Computing Platform	Intel® Core™ i5-1145G7 vPro™ Processor (optional Intel® Core™ i7-1185G7 vPro™*)
Operating System	Windows 11 Pro
RAM	Built-in 16GB RAM (max 64GB RAM*)
Graphic Chip	Intel® UHD Graphics, supports Intel® Iris® Xe Graphics when 2 RAM Modules installed
Storage	Quick release 512GB NVMe OPAL SSD (with heater)
LCD	14.0" Active Matrix (TFT) colour LCD 1920 x 1080 (FHD) LCD with sunlight-viewable glove-enabled touchscreen (up to 1,200cd/m² 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
	Smart Card Reader
Rear Expansion Area**	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 301mm 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 40mk1, 16GB RAM, 512GB SSD, 1 x standard battery pack
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