



## 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/m<sup>2</sup>)

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

<https://ap.connect.panasonic.com/th/en/products/toughbook/toughbook-40>

<b>Mobile Computing Platform</b>	Intel® Core™ i5-1145G7 vPro™ Processor (optional Intel® Core™ i7-1185G7 vPro™*)
<b>Operating System</b>	Windows 11 Pro
<b>RAM</b>	Built-in 16GB RAM (max 64GB RAM*)
<b>Graphic Chip</b>	Intel® UHD Graphics, supports Intel® Iris® Xe Graphics when 2 RAM Modules installed
<b>Storage</b>	Quick release 512GB NVMe OPAL SSD (with heater)
<b>LCD</b>	14.0" Active Matrix (TFT) colour LCD 1920 x 1080 (FHD) LCD with sunlight-viewable glove-enabled touchscreen (up to 1,200cd/m <sup>2</sup> brightness)
<b>Bluetooth™</b>	5.1 Class 1
<b>Wireless LAN</b>	Intel® Wi-Fi6 AX201
<b>Mobile Broadband*</b>	4G LTE
<b>GPS*</b>	U-Blox NEO-M8J
<b>LAN</b>	IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (optional 2nd GLAN*)
<b>Sound</b>	Waves MaxxAudio® Stereo Speakers 4 integrated microphones
<b>Security</b>	TPM 2.0, Password security, Integrated hardware security lock slot
<b>Front Camera</b>	5MP with IR / privacy shutter (Windows Hello compliant) optional*
<b>USB 3.2</b>	x2 (Gen 1 Type-A)
<b>Thunderbolt 4</b>	x1
<b>Micro SDXC Memory Card</b>	x1
<b>HDMI</b>	x1
<b>Headset</b>	x1
<b>DC In</b>	x1
<b>Port Replicator</b>	x1
<b>Quad Path Through Connector</b>	x1
<b>Left Expansion Area**</b>	2nd SSD Smart Card Reader DVD Multi Drive Blu Ray Drive
<b>Right Expansion Area**</b>	2nd Battery Smart Card Reader
<b>Rear Expansion Area**</b>	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
<b>Palm Rest Expansion Area**</b>	Fingerprint reader (Windows Hello) Fingerprint reader (Windows Hello, Multi-user authentication) Contactless Smart Card Reader
<b>AC Adapter</b>	Input: 100V - 240V AC, 50Hz/ 60Hz, Output: 15.6V DC, 7.05A
<b>Battery</b>	Lithium-Ion 10.8V, 6500mAh (typical), 6300mAh (minimum)
<b>Battery Life</b>	Standard: approx 18 hours (Mobile Mark™ 2014) With optional 2nd battery: approx 36 hours (Mobile Mark™ 2014)*
<b>Power Management</b>	Standby function, ACPI BIOS
<b>Dimensions (WxHxD)</b>	354mm x 301mm x 54.4mm (without protruding parts)
<b>Weight</b>	Approx 3.35kg (depending on configuration)
<b>Drop Resistance</b>	MIL-STD810H, 180cm***
<b>Dust Resistance</b>	IP6x
<b>Water Resistance</b>	IPx6
<b>Operating Temperature</b>	MIL-STD810H, -29°C to +63°C***
<b>Standard Configuration</b>	TOUGHBOOK 40mk1, 16GB RAM, 512GB SSD, 1 x standard battery pack
<b>Included in the box</b>	Power Supply, Power Cord, Capacitive Stylus Pen, Display Cleaning Cloth and User Manual
<b>Footnote</b>	*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