



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

# TOUGHBOOK 40 mk2

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

The 14" fully-rugged Panasonic TOUGHBOOK® 40 offers unrivaled flexibility in even the most demanding and unpredictable environments with its class-leading eight modular areas including its innovative modular expansion packs (xPAK's). Optical drives, authe

### Windows 11 Pro

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

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 mk2

<https://ap.connect.panasonic.com/my/en/toughbook-40-mk2>

<b>Model</b>	TOUGHBOOK 40mk2, 16GB RAM,512GB SSD, 1 x standard battery pack
<b>OS (Operating System)</b>	Windows 11 Pro
<b>CPU (Mobile Computing Platform) -&gt; Processor</b>	Intel® Core™ Ultra5 vPro™ Processor (optional Intel® Core™ Ultra7 vPro™*)
<b>CPU (Mobile Computing Platform) -&gt; Graphics chips</b>	Intel® Graphics, supports Intel® Arc™ Graphics when 2 RAM Modules installed
<b>Memory (RAM) (RAM Standard / Maximum) (Main memory)</b>	Built-in 16GB RAM (max 64GB RAM*)
<b>Storage</b>	Quick release 512GB NVMe OPAL SSD (with heater)
<b>Display &amp; Graphics</b>	14.0" Active Matrix (TFT) colour LCD 1920 x 1080 (FHD) LCD with sunlight-viewable glove-enabled touchscreen (up to 1,200cd/m² brightness)
<b>Wireless</b>	Mobile Broadband:4G LTE, GPS:U-Blox NEO-M9N, Wi-Fi:Intel® Wi-Fi7 BE200, Bluetooth:5.1 Class 1
<b>I/O Ports (Interface)</b>	USB 3.2:x2 (Gen 1 Type-A), Micro SDXC Memory Card:x1, Thunderbolt 4:x1HDMI:x1, LAN:IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (optional 2nd GLAN*), Quad Path Through Connector: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>Palmrest expansion area</b>	Fingerprint reader (Windows Hello, Multi-user authentication)Contactless 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 Type-C + 2nd HDMI
<b>Camera -&gt; Front</b>	5MP with IR / privacy shutter (Windows Hello compliant) optional*
<b>Audio (Sound)</b>	Waves MaxxAudio® Stereo Speakers, 4 integrated microphones, Headset:x1
<b>Security</b>	TPM 2.0, Password security, Integrated hardware security lock slot
<b>Dimensions -&gt; Main Unit</b>	354mm x 301 mm x 54.4mm (without protruding parts)
<b>Weight -&gt; Main Unit</b>	Approx 3.37kg (depending on configuration)
<b>Battery -&gt; Battery Life</b>	Standard: approx 12 hours (Mobile Mark™ 25)With optional 2nd battery: approx 24 hours (Mobile Mark™ 25)*
<b>Power (Power supply) -&gt; AC adapter</b>	Input: 100V - 240V AC, 50Hz/ 60Hz, Output: 15.6V DC, 7.05A, DC In:x1
<b>Power (Power supply) -&gt; Battery (Battery pack)</b>	Lithium-Ion 10.8V, 6500mAh (typical), 6300mAh (minimum)
<b>Power (Power supply) -&gt; Hot Swap</b>	Standby function, ACPI BIOS
<b>Durability -&gt; Drop resistance</b>	MIL-STD810H, 180cm***
<b>Durability -&gt; Dust resistance</b>	IP6x
<b>Durability -&gt; Water resistance</b>	IPx6
<b>Operating temperature</b>	MIL-STD810H, -29°C to +63°C***
<b>Included in Box</b>	Power Supply, Power Cord, Capacitive Stylus Pen, Display Cleaning Cloth and User Manual
<b>Integrated Options</b>	Port Replicator:x1,
<b>Footnote Description</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 ♦ for operation temperature test. May differ depending on models and options
<b>Electromagnetic Compatibility (EMC)</b>	MIL-STD461G*