



## TOUGHBOOK 56

The TOUGHBOOK 56 with Windows 11 Pro is a 14" rugged laptop designed for professionals in motion. Its reinforced magnesium chassis meets military-grade standards while maintaining a slim, lightweight form factor with ergonomic, glove-friendly input and an integrated retractable handle. A fully modular architecture and optional hot-swappable dual batteries provide up to 24 hours of operation, supporting long shifts and varied workflows. With next-generation processing power, advanced connectivity options and built-in multi-layer security, the TOUGHBOOK 56 delivers reliable performance and protection in demanding environments.

### Key Features

Intel® Core™ Ultra 5 processor 235H vPro or Intel® Core™ Ultra 7 processor 265H vPro, Intel® AI Boost

Windows 11 Pro / Red Hat Enterprise Linux 10 certified

14.0" WUXGA (1920 x 1200), Aspect ratio 16:10 with optional 10 finger capacitive touch

Customizable left, right and rear expansion areas

Up to 12 hours battery life with standard battery (up to 24 hours with optional 2nd battery)

**TOUGHBOOK**





## TOUGHBOOK 56

The TOUGHBOOK 56 is built for professionals operating in challenging and mobile work settings, whether capturing data in automotive testing, supporting utilities and field service infrastructure, or working in defence and emergency response scenarios. Its next-generation performance handles intensive data and AI-driven workflows locally, while advanced connectivity enables reliable real-time communication across multiple networks.

A fully modular architecture and extensive expansion options support integration with specialist tools and legacy systems. Hot-swappable dual batteries delivering up to 24 hours of runtime enable uninterrupted operation across long shifts, and the ergonomic, glove-friendly design improves comfort and efficiency in daily field use.

With a reinforced magnesium chassis, military-grade certifications and multi-layer security, the TOUGHBOOK 56 protects both device and data in harsh environments. Its lightweight, compact form factor and durable construction ensure consistent performance in unpredictable conditions.

<https://eu.connect.panasonic.com/gb/en/toughbook/toughbook-56>

<b>Operating System</b>	Windows 11 Pro Red Hat Enterprise Linux 10 certified
<b>Mobile Computing Platform</b>	Intel® Core™ Ultra 5 processor 235H vPro™ or Intel® Core™ Ultra 7 processor 265H vPro™
<b>Graphic Chip</b>	Intel® Graphics Support Intel® Arc™ Graphics when equipped with 2 DIMMs AMD Radeon Pro W7500M, 8GB GDDR6*
<b>RAM</b>	16GB DDR5 (max. 64GB)
<b>Storage</b>	512GB NVMe OPAL SSD (max. 2TB)
<b>LCD</b>	WUXGA: 14" Active Matrix (TFT) colour LCD 1920 x 1200 pixels (WUXGA), up to 350cd/m <sup>2</sup> WUXGA Touchscreen: 14" Active Matrix (TFT) colour LCD 1920 x 1200 pixels (WUXGA), capacitive 10 finger Touchscreen, up to 1.000cd/m <sup>2</sup>
<b>Wireless</b>	Wi-Fi: Intel® Wi-Fi 7 BE211 Bluetooth: 5.4 Class 1 Mobile Broadband*: 4G or 5G with SIM/eSIM support Global Positioning*: u-blox NEO-M9N (supports GPS, GLONASS, Beidou, Galileo)
<b>Interfaces</b>	Thunderbolt 4: x2 USB 3.2 Typ A: x1 HDMI: x1 1GBit LAN: x1
<b>Left expansion area**</b>	Native 10GBit LAN 2nd SSD Smart Card Reader DVD Multi Drive
<b>Right expansion area**</b>	2nd Battery Fingerprint Reader Smart Card Reader
<b>Rear expansion area**</b>	VGA + True Serial + 4th USB 3.2 VGA + True Serial + 2nd native GLAN VGA + True Serial + Rugged USB 2.0 4th USB 3.2 + USB Type c Native 2.5GBit LAN + Micro SD*
<b>Front Camera</b>	5 MP with IR / privacy shutter (Windows Hello compliant)
<b>Sound</b>	MaxxAudio Headset: x1 Enhanced Voice Recognition: 2 Microphones with AI noise suppression Speaker: Up to 98dB
<b>Security</b>	TPM TCG V2.0 compliant Microsoft Secured Core PC Windows Hello compliant Facial Recognition
<b>Keyboard</b>	Backlit Keyboard
<b>Touchscreen</b>	10 Finger touch (Capacitive) /φ4 Passive Stylus (available separately); Glove enabled
<b>Dimension</b>	345mm x 272mm x 36.3mm (without protruding parts)
<b>Weight</b>	WUXGA: Starting 2.12 kg, WUXGA Touchscreen: Starting 2.27 kg Lightest Model: Starting 2.00kg
<b>Battery Life</b>	Approx. 12 hours (Mobile Mark™ 30), Approx. 24 hours with 2nd battery (Mobile Mark™ 30)
<b>Battery Charging time</b>	Approx. 3h
<b>AC Adaptor</b>	Input: 100V - 240V AC, 50Hz/ 60Hz Output: 15.6V DC, 7.05A DC In: x1
<b>Power Management / Hot Swap</b>	Standby function ACPI BIOS Hot Swap*: With 2nd Battery
<b>Drop resistance</b>	91cm***
<b>Dust resistance</b>	IP5x***
<b>Water resistance</b>	IPx3***
<b>Operating temperature</b>	-29°C to +60°C***
<b>Footnote Description</b>	FZ-56mk1: 12.03.2026 *Optional **Exclusive Option, pre-configured or accessory ***Tested By an independent third party lab referencing MIL-STD 810H and IEX 60529

TOUGHBOOK 56: 12th March 2026

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.