Panasonic CONNECT

Panasonic recommends
Windows 11 Pro for business









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

intel CORE ULTRA 7 | intel vPRO | intel CORE ULTRA 5 | intel vPRO

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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

Operating System	Windows 11 ProRed Hat Enterprise Linux 10 certified
Mobile Computing Platform	Intel® Core™ Ultra 5 processor 235H vPro™ or Intel® Core™ Ultra 7 processor 265H vPro™
Graphic Chip	Intel® Graphics Support Intel® Arc ™Graphics when equipped with 2 DIMMs AMD Radeon Pro W7500M, 8GB GDDR6 *
RAM	16GB DDR5 (max. 64GB)
Storage	512GB NVMe OPAL SSD (max. 2TB)
LCD	WUXGA: 14" Active Matrix (TFT) colour LCD 1920 x 1200 pixels (WUXGA), up to 350cd/m² WUXGA Touchscreen: 14" Active Matrix (TFT) colour LCD 1920 x 1200 pixels (WUXGA), capacitive 10 finger Touchscreen, up to 1.000cd/m²
Wireless	Wi-Fi: Intel® Wi-Fi7 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)
Interfaces	Thunderbolt 4: x2 USB 3.2 Typ A: x1 HDMI: x1 1GBit LAN: x1
Left expansion area	Native 10GBit LAN2nd SSDSmart Card ReaderDVD Multi Drive **
Right expansion area	2nd Battery Fingerprint Reader Smart Card Reader **
Rear expansion area	VGA + True Serial + 4th USB 3.2 VGA + True Serial + 2nd native GLAN 4th USB 3.2 + USB Type c Native 2.5GBit LAN + Micro SD *
Front Camera	5 MP with IR / privacy shutter (Windows Hello compliant)
Sound	MaxxAudio Headset: x1 Enhanced Voice Recognition: 2 Microphones with AI noise suppression Speaker: Up to 98dB
Security	TPM TCG V2.0 compliantMicrosoft Secured Core PCWindows Hello compliant Facial Recognition
Keyboard	Backlit Keyboard
Touchscreen	10 Finger touch (Capacitive) /φ4 Passive Stylus (available separately); Glove enabled
Dimension	345mm x 272mm x 36.3mm (without protruding parts)
Weight	WUXGA: Starting 2.12 kg, WUXGA Touchscreen: Starting 2.27 kg Lightest Model: Starting 2.00kg
Battery Life	Approx. 12 hours (Mobile Mark™ 30),Approx. 24 hours with 2nd battery (Mobile Mark™ 30)
Battery Charging time	Approx. 3h
AC Adaptor	Input: 100V - 240V AC, 50Hz/ 60Hz Output: 15.6V DC, 7.05A DC In: x1
Power Management / Hot Swap	Standby functionACPI BIOSHot Swap *: With 2nd Battery
Drop resistance	91cm ***
Dust resistance	IP5x ***
Water resistance	IPx3 ***
Operating temperature	-29°C to +60°C ***
Footnote Description	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

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