



## TOUGHBOOK z serii 56

TOUGHBOOK 56 z Windows 11 Pro to wytrzymały laptop o pojemności 14", zaprojektowany dla profesjonalistów w ruchu. Wzmocnione magnetyczne podwozie spełnia standardy klasy wojskowej, zachowując jednocześnie smukły, lekki kształt z ergonomicznym, przyjaznym dla rękawiczek i zintegrowanym chowanym uchwytem. W pełni modułowa architektura oraz opcjonalne podwójne baterie z wymianą na gorąco zapewniają pracę do 24 godzin, wspierając długie zmiany i zróżnicowane przepływy pracy. Dzięki mocy obliczeniowej nowej generacji, zaawansowanym opcjom łączności i wbudowanemu wielowarstwowemu zabezpieczeniu, TOUGHBOOK 56 zapewnia niezawodną wydajność i ochronę w wymagających warunkach.

### Key Features

Procesor Intel® Core™ Ultra 5 235H vPro lub Intel® Core™ Ultra 7 265H vPro, Intel® AI Boost

Certyfikat Windows 11 Pro / Red Hat Enterprise Linux 10

14,0" WUXGA (1920 x 1200), proporcje obrazu 16:10 z opcjonalnym dotykem pojemności 10 palców

Konfigurowalne strefy rozbudowy w lewo, prawo i tył

Do 12 godzin pracy baterii przy standardowej baterii (do 24 godzin z opcjonalną drugą baterią)

**TOUGHBOOK**





## TOUGHBOOK Z serii 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/pl/toughbook/toughbook-z-serii-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 1 GBit LAN: x1
<b>Left expansion area**</b>	Native 10 GBit 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 4th USB 3.2 + USB Type C Native 2.5 GBit 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>Pointing device: Touchscreen (Touch panel)</b>	10 Finger touch (Capacitive) / φ4 Passive Stylus (available separately); Glove enabled
<b>Dimensions: Main Unit (WxHxD)</b>	345mm x 272mm x 36.3mm (without protruding parts)
<b>Weight: Main Unit</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>Power Supply: AC Adaptor</b>	Input: 100V - 240V AC, 50Hz/ 60Hz Output: 15.6V DC, 7.05A DC In: x1
<b>Power Supply: Hot Swap</b>	Standby function ACPI BIOS Hot Swap*: With 2nd Battery
<b>Drop resistance</b>	91 cm***
<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

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