



**WINDOWS 11 PRO FULLY RUGGED DETACHABLE
WITH 12" OUTDOOR FULL-HD DISPLAY**

TOUGHBOOK 33 mk4 Detachable

3:2 aspect ratio increases productivity Panasonic has seen a shift from end-users in the 2-in-1 detachable tablet market, who are looking for bigger screens to increase productivity in the field. When combining superior Intel® processing power with the performance of Windows 11 Pro, the 33mk4 comes into its own for users needing to run demanding applications on a 12-inch screen. The functionality of these applications is becoming increasingly complicated, necessitating larger screens for increased clarity by QHD resolution and ease of use.

Key Features

Intel® Core™ i5-1345U vPro™ Processor or Intel® Core™ i7 1370P vPro™ Processor

Windows 11 Pro

12.0" Active Matrix (TFT) colour LCD 2160 x 1440 (QHD) LCD with sunlight-viewable glove-enabled capacitive touchscreen (up to 1.200cd/m²), IP55 Digitiser

IP65 Water and dust resistant*** Tested against MIL-STD810H***

Long battery life of up to 7 hours with hot swap

TOUGHBOOK





TOUGHBOOK 33 mk4 Detachable

Yesterday's Legend, Today's Leader.

TOUGH YET VERSATILE

The Panasonic TOUGHBOOK 33mk4 is a cutting-edge, rugged 2-in-1 detachable tablet designed for mobile workers, featuring out-of-the-box 5G connectivity that enhances performance, reliability, and data transfer speeds in various environments. This model can connect to 5G standalone networks, catering to the increasing demand for quick, secure data transfer in the context of IoT and AI applications. It boasts improved processing power with options for the Intel® Core™ i5 or i7 processors (both 13th generation, equipped with Intel vPro® Technology).

<https://eu.connect.panasonic.com/gb/en/toughbook/toughbook-33-series/toughbook-33-mk4-detachable>

Model	TOUGHBOOK 33mk4, 16GB RAM, 512GB SSD, 2x standard battery pack, IP55 digitiser pen
Operating System	Windows 11 Pro
Mobile Computing Platform	Intel® Core™ i5-1345U vPro™ Processor or Intel® Core™ i7 1370P vPro™ Processor
Graphic Chip	Intel® Iris Xe Graphics
RAM	16GB (max. 32GB) DDR4
Storage	512GB OPAL NVMe SSD (up to 2TB optional)
LCD	12.0" Active Matrix (TFT) colour LCD 2160 x 1440 (QHD) LCD with sunlight-viewable glove-enabled capacitive touchscreen (up to 1.200cd/m²), IP55 Digitiser
Wireless	Mobile Broadband: 4G or 5G with physical SIM and eSIM support / 5G comes with extended batteryGPS*: U-Blox NEO-M9 SeriesWireless LAN: Intel® Wi-Fi6E AX211LAN: x2 IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (Tablet + Keyboard)Bluetooth™: 5.3 + EDR Class 1
Interfaces	USB 2.0: x1 optional (Tablet)** x1 (Keyboard), USB 3.2 Gen 1 Type A: x3 (x1 Tablet, x2 Keyboard), Thunderbolt 4: x1, Configuration port (Tablet)**: Serial, 2D Barcode Reader, 2nd USB 2.0SD/SDXC Memory Card: x1 Keyboard, HDMI: x1 (Tablet) x1 (Keyboard), VGA: x1 (Keyboard), LAN Port: x1 (Tablet) x1 (Keyboard), Native Serial Port: x1 optional (Tablet)** x1 (Keyboard), Headset: x1 (Tablet) x1 (Keyboard), Port Replicator: x1 (Keyboard), Dual Antenna Connector: x1 (Keyboard), Business Expansion Module**: Smart Card Reader, NFC, Fingerprint Reader
Front Camera	2 MP with IR / privacy shutter (Windows Hello compliant)
Rear Camera	8 MP with autofocus and LED flash
Sound	WAVE and MIDI playback, Intel®High Definition Audio subsystem support
Security	TPM (TCG V2.0 compliant) Password security (supervisor password, user password, hard disc lock) Integrated hardware security lock slot
Pointing device: Touchscreen (Touch panel)	Dual Touch (10 Finger touch (Capacitive) & Digitizer)
Dimensions: Main Unit + Keyboard (WxHxD)	Standard Battery: 313.0 mm x 288.4 mm x 46.1 mm / 12.3" x 11.4" x 1.8" (without protruding parts), Extended Battery: 313.0 mm x 288.4 mm x 56.6 mm / 12.3" x 11.4" x 2.2" (without protruding parts)
Weight : Main Unit + Keyboard	Standard Battery: 2.81kg / 6.2lb, Extended Battery: 3.14kg / 6.9lb
Battery Life	Standard: Approx 7 hours (Mobile Mark™ 25), Extended: Approx 15 hours (Mobile Mark™ 25)
Power Supply: AC Adaptor	Input: 100 V - 240 V AC, 50 Hz/ 60 Hz, Output: 15.6 V DC, 4.06ADC In: x1 (Tablet) x1 (Keyboard)
Power Supply: Battery	Standard: x2 Li-Ion (3 cell, 22Whr), Extended: x2 Li-Ion (6 cell, 45 Whr) optional
Power Supply: Hot Swap	Hot swap, Standby function, ACPI BIOS
Drop resistance	MIL-STD 810H, 150cm***
Dust resistance	IEC529 (JIS C0920) IP6x***
Water resistance	IEC529 (JIS C0920) IPx5***
Operating temperature	MIL-STD810H, -29°C to +63°C***
Included in the box	Power Supply, Power Cord, User Manual
Footnote Description	* Optional, ** One option exclusive possible in configuration port / business expansion module, *** Tested by an independent third party lab following MIL-STD-810H and IEC529, Sections 13.4, 13.6.2, 14.2.5 and 14.3,

TOUGHBOOK 33: November 2024

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