



Windows 11 Pro Fully Rugged 2-in-1 Detachable Laptop features 'Raptor Lake' processing power, 5G connectivity, and unique 12-inch screen.

TOUGHBOOK 33 mk4 Detachable

The TOUGHBOOK 33 2-in-1 Detachable Notebook is highly configurable, bringing unrivalled flexibility and performance for mobile business computing professionals. Thanks to the detachable keyboard design and 6 usage modes, the TOUGHBOOK 33 offers the best of all worlds for mobile workers. Target industries for the device include field service workers, maintenance and service technicians in utilities and telecommunications, as well as government agencies, defence, the police and other emergency services.

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 33mk4 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>

Mobile Computing Platform	Intel® Core™ i5-1345U vPro™ Processor or Intel® Core™ i7 1370P vPro™ Processor
Operating System	Windows 11 Pro
RAM	16GB (max. 32GB) DDR4
Graphic Chip	Intel® Iris Xe Graphics
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
Bluetooth™	5.3 + EDR Class 1
Wireless LAN	Intel® Wi-Fi6E AX211
Mobile Broadband*	4G or 5G with pyphysical SIM and eSIM support / 5G comes with extended battery
GPS*	U-Blox NEO-M9 Series
LAN	x2 IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (Tablet + Keyboard)
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
Front Camera	2 MP with IR / privacy shutter (Windows Hello compliant)
Rear Camera	8mpixel with autofocus and LED flash
SD/SDXC Memory Card	x1 Keyboard
Configuration port (Tablet)**	Serial, 2D Barcode Reader, 2nd USB 2.0
USB 3.2 Gen 1 Type A	x3 (x1 Tablet, x2 Keyboard)
Thunderbolt 4	x1
USB 2.0	x1 optional (Tablet)** 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)
DC In	x1 (Tablet) x1 (Keyboard)
Port Replicator	x1 (Keyboard)
Dual Antenna Connector	x1 (Keyboard)
Business Expansion Module**	Smart Card Reader, NFC, Fingerprint Reader
AC Adapter	Input: 100 V - 240 V AC, 50 Hz/ 60 Hz, Output: 15.6 V DC, 4.06A
Battery	Standard: x2 Li-Ion (3 cell, 22Whr) Extended: x2 Li-Ion (6 cell, 45 Whr) optional
Battery Life	Standard: Approx 7 hours (Mobile Mark™ 25) Extended: Approx 15 hours (Mobile Mark™ 25)
Power Management	Hot swap, Standby function, ACPI BIOS
Dimensions (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	Standard Battery: 2.81kg / 6.2lb Extended Battery: 3.14kg / 6.9lb
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***
Standard Configuration	CF-33mk4, 16GB RAM, 512GB SSD, 2x standard battery pack, IP55 digitiser pen
Included in the box	Power Supply, Power Cord, Display cleaning cloth and User Manual
Footnote	* 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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