



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

# TOUGHBOOK 33 Series

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 33 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

Windows 11 Pro

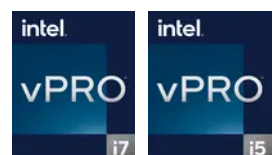
Intel® Core™ i5-1345U vPro™ Processor or Intel® Core™ i7 1370P vPro™ Processor

12.0" Active Matrix (TFT) colour LCD 2160 x 1440 (QHD) LCD with sunlight-viewable glove-enabled capacitive touchscreen (up to 1.200cd/m<sup>2</sup>), 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 Series

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-33-series>

<b>Operating System</b>	Windows 11 Pro
<b>Mobile Computing Platform</b>	Intel® Core™ i5-1345U vPro™ Processor or Intel® Core™ i7 1370P vPro™ Processor
<b>Graphic Chip</b>	Intel® Iris Xe Graphics
<b>RAM</b>	16GB (max. 32GB) DDR4
<b>Storage</b>	512GB OPAL NVMe SSD (up to 2TB optional)
<b>LCD</b>	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
<b>Wireless</b>	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 AX211 LAN: x2 IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (Tablet + Keyboard)Bluetooth™: 5.3 + EDR Class 1
<b>Interfaces</b>	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 (Tablet) x1 (Keyboard)Business Expansion Module**: Smart Card Reader, NFC, Fingerprint Reader
<b>Front Camera</b>	2 MP with IR / privacy shutter (Windows Hello compliant)
<b>Rear Camera</b>	8 MP with autofocus and LED flash
<b>Sound</b>	WAVE and MIDI playback, Intel®High Definition Audio subsystem support
<b>Security</b>	TPM (TCG V2.0 compliant) Password security (supervisor password, user password, hard disc lock) Integrated hardware security lock slot
<b>Keyboard &amp; Input (Keyboard)</b>	x1 *
<b>Pointing device: Touchscreen (Touch panel)</b>	Dual Touch (10 Finger touch (Capacitive) & Digitizer)
<b>Dimensions: Main Unit + Keyboard (WxHxD)</b>	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)
<b>Dimensions: Main Unit (WxHxD)</b>	Standard Battery: 308.0 mm x 243.6 mm x 21.6 mm / 12.1" x 9.6" x 0.9" (without protruding parts),Extended Battery: 308.0 mm x 243.6 mm x 32.1 mm / 12.1" x 9.6" x 1.3" (without protruding parts)
<b>Weight : Main Unit + Keyboard</b>	Standard Battery: 2.81kg / 6.2lb,Extended Battery: 3.14kg / 6.9lb
<b>Weight: Main Unit</b>	Standard Battery: 1.54kg / 3.4lbExtended Battery: 1.9kg / 4.1lb
<b>Battery Life</b>	Standard: Approx 7.5 hours (Mobile Mark™ 25) Extended: Approx 15.5 hours (Mobile Mark™ 25) Main Unit + Keyboard Standard: Approx 7 hours (Mobile Mark™ 25), Extended: Approx 15 hours (Mobile Mark™ 25)
<b>Power Supply: AC Adaptor</b>	Input: 100 V - 240 V AC, 50 Hz/ 60 Hz, Output: 15.6 V DC, 4.06ADC In: x1 (Tablet) x1 (Keyboard)
<b>Power Supply: Battery</b>	Standard: x2 Li-Ion (3 cell, 22Whr), Extended: x2 Li-Ion (6 cell, 45 Whr) optional/ separate SKU; does not work in standard model
<b>Power Supply: Hot Swap</b>	Hot swap, Standby function, ACPI BIOS
<b>Drop resistance</b>	MIL-STD 810H, 150cm***
<b>Dust resistance ***</b>	IEC529 (JIS C0920) IP6x***
<b>Water resistance</b>	IEC529 (JIS C0920) IPx5***
<b>Operating temperature</b>	MIL-STD810H, -29°C to +63°C***
<b>Included in the box</b>	Power Supply, Power Cord, User Manual
<b>Electromagnetic Compatibility (EMC)</b>	MIL-STD461 F****
<b>Footnote Description</b>	* 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, **** Tested by an independent third-party lab following MIL-STD-461 F

TOUGHBOOK 33: November 2024

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