Panasonic CONNECT

Panasonic recommends Windows 11 Pro for business.

Windows 11 Pro Fully Rugged 2-in-1 Detachable Laptop & Tablet with 12.0" Outdoor Display

TOUGHBOOK 33 mk3 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™ i5-1245U 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 6.5 hours with hot swap

TOUGHBOOK

intel CORE vPRO i5

TOUGHBOOK 33 mk3 Detachable

Yesterday's Legend, Today's Leader.

TOUGH YET VERSATILE

An evolution of the best-selling Panasonic Toughbook 31 notebook, this latest detachable device is powered by the 12th Generation Intel® Core™ i5-1245U vPro™ processor, delivering incredible performance, and is shipping with Windows 11 Pro. It also has a rich set of business interfaces with additional customisable options to meet a worker's needs. With its hot swappable twin batteries and outdoor viewing, glove enabled touchscreen, it's a versatile yet tough technology companion for mobile workers.

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https://eu.connect.panasonic.com/gb/en/products/toughbook/toughbook-33-mk3-detachable

Mobile Computing Platform	Intel® Core™ i5-1245U vPro™ Processor or Intel® Core™ i7 1270P 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™	5.1 + EDR Class 1
Wireless LAN	Intel® Wi-Fi6E AX211
Mobile Broadband*	4G LTE with optional eSIM support
GPS*	U-Blox NEO-M8 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)
LAN Port	x1 (Tablet) x1 (Keyboard)
VGA	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 11.1V (1,990 mAh), Extended* optional: x2 Li-ion 10.8V (4,120 mAh)
Battery Life	Standard: x2 Li-Ion (3 cell, 22Whr), Extended: x2 Li-Ion (6 cell, 45 Whr) optional
Power Management	Hot swap, Standby function, ACPI BIOS
Dimensions (WxHxD)	Standard Battery: 313.0 mm × 288.4 mm × 46.1 mm / 12.3" × 11.4" × 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℃ to +63℃***
Standard Configuration	CF-33mk3, 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 exlusive 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: March 2024