



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

### TOUGHBOOK 33 mk3

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 (optional Intel® Core™ i7 vPro™\*)

Windows 11 Pro

12.0" Active Matrix (TFT) colour LCD 2160 x 1440 (QHD) LCD with sunlight-viewable glove-enabled capacitive touchscreen (up to 1200cd/m<sup>2</sup>), IP55 Digitiser

IP65 water and dust resistant, MIL-STD 810H certified\*\*\*

Long battery life of up to 7 hours with hot swap functionality (up to 14.5 hours with optional large batteries) MobileMark™ 25



## TOUGHBOOK 33 mk3

<https://oc.connect.panasonic.com/au/en/products/toughbook/toughbook-33>

|                                      |  |
|--------------------------------------|--|
| <b>Mobile Computing Platform</b>     | Intel® Core™ i5-1245U vPro™ Processor (optional Intel® Core™ i7 vPro™*)  |
| <b>Operating System</b>              | Windows 11 Pro   |
| <b>RAM</b>                           | Built-in 16GB RAM (optional built-in 32GB RAM*)  |
| <b>Graphic Chip</b>                  | Intel® UHD Graphics  |
| <b>Storage</b>                       | 512GB OPAL NVMe SSD with heater (optional 1TB OPAL NVMe SSD*)  |
| <b>LCD</b>                           | 12.0" Active Matrix (TFT) colour LCD 2160 x 1440 (QHD) LCD with sunlight-viewable glove-enabled capacitive touchscreen (up to 1200cd/m²), IP55 Digitiser |
| <b>Bluetooth™</b>                    | Version 5.1 Class 1  |
| <b>Wireless LAN</b>                  | Intel® Wi-Fi 6 AX201 (up to 2.4 Gbps)  |
| <b>Mobile Broadband*</b>             | 4G LTE   |
| <b>GPS*</b>                          | U-Blox NEO-M8  |
| <b>LAN</b>                           | x2 (Tablet + Keyboard)   |
| <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>Front Camera</b>                  | 2 MP   |
| <b>Rear Camera</b>                   | 8MP with Autofocus and LED flash   |
| <b>SD/SDXC Memory Card</b>           | x1 Keyboard (optional Micro SD in Tablet*)   |
| <b>Configuration port (Tablet)**</b> | Serial, 2D Barcode Reader, 2nd USB 2.0, Micro SD   |
| <b>USB 3.1</b>                       | x3 (x1 Tablet, x2 Keyboard)  |
| <b>USB 3.1 type C PD</b>             | x1 Thunderbolt 4: 40 Gbps (Tablet)   |
| <b>USB 2.0</b>                       | x1 optional (Tablet)**   |
|                                      | x1 (Keyboard)  |
| <b>HDMI</b>                          | x2 (Keyboard + Tablet)   |
| <b>VGA</b>                           | x1 (Keyboard)  |
| <b>Native Serial Port</b>            | x1 optional (Tablet)**   |
|                                      | x1 (Keyboard)  |
| <b>Headset</b>                       | x1 (Tablet)  |
| <b>DC In</b>                         | x2 (Tablet + Keyboard)   |
| <b>Port Replicator</b>               | x1 (Keyboard)  |
| <b>Dual Antenna Connector</b>        | Yes (Tablet + Keyboard)*   |
| <b>Business Expansion Module**</b>   | Smart Card Reader, NFC, Fingerprint Reader   |
| <b>AC Adapter</b>                    | Input: 100 V - 240 V AC, 50 Hz/ 60 Hz, Output: 15.6 V DC, 7.05A  |
| <b>Battery</b>                       | Standard: x2 Li-Ion 11.1V (1,990 mAh)  |
|                                      | Large* (optional): x2 Li-ion 10.8V (4,120 mAh)   |
| <b>Battery Life</b>                  | Standard: Approx 7 hours (Tablet only) / 6.5 hours (with Keyboard Base) MobileMark™ 25   |
|                                      | Large* (optional): Approx 14.5 hours (Tablet only) / 14 hours (with Keyboard Base) MobileMark™ 25  |
| <b>Power Management</b>              | Hot swap, Standby function, ACPI BIOS  |
| <b>Dimensions (WxHxD)</b>            | Tablet + Keyboard: 313.0mm x 288.4mm x 46.1mm  |
|                                      | Tablet only: 308.0mm x 243.6mm x 21.6mm  |
| <b>Weight</b>                        | Tablet + Keyboard: 2.81 kg (with standard battery)   |
|                                      | Tablet only: 1.55kg (with standard battery)  |
| <b>Drop Resistance</b>               | MIL-STD810H, 150cm*** (in Tablet mode) / 150cm (in Clamshell mode)   |
| <b>Dust Resistance</b>               | IP6x   |
| <b>Water Resistance</b>              | IPx5   |
| <b>Operating Temperature</b>         | MIL-STD810H, -29°C to +63°C***   |
| <b>Standard Configuration</b>        | CF-33mk3, 16GB RAM, 512GB SSD, 2x standard battery pack, IP55 digitiser pen  |
| <b>Included in the box</b>           | Power Supply, Power Cord, Display cleaning cloth and User Manual   |

\*\* One option exclusive possible in configuration port / business expansion module

\*\*\* Tested by an independent third party lab following MIL-STD810H Method 516.8 Procedure IV for transit drop test and Method 501.7 and 502.7 Procedure II for operation temperature test. May differ depending on models and options.