



**Windows 11 Pro Rugged Laptop with 14.0" Outdoor Display and Modular Expansion Areas**

## **TOUGHBOOK 55 mk3 (AU & NZ spec only)**

TOUGHBOOK 55 with Windows 11 Pro, magnesium chassis, flexible configurations and TOUGHBOOK universal bay is the most versatile 14" rugged TOUGHBOOK ever built, but doesn't compromise on durability, with a unique 'honeycomb' design for improved strength and splash resistant design. In terms of flexibility the TOUGHBOOK 55 is equally outstanding, offering a huge array of configuration options making it easier to customise the device to your desired specification.

### **Key Features**

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

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Windows 11 Pro

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14" HD Active Matrix LCD or 14" Full HD Active Matrix LCD with capacitive Touch Screen and 1,000cd/m<sup>2</sup> brightness

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Maximum flexibility with two Expansion Slots and TOUGHBOOK Universal Bay

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Up to 10 hours battery life with standard battery (up to 20 hours with optional 2nd battery)



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<https://oc.connect.panasonic.com/nz/en/toughbook-55>

<b>Mobile Computing Platform</b>	Intel® Core™ i5 1345U vPro™ Processor or Intel® Core™ i7 1370P vPro™ Processor
<b>Operating System</b>	Windows 11 Pro
<b>RAM</b>	8GB DDR4 RAM (Intel® Core™ i5 models) / 16GB DDR4 RAM (Intel® Core™ i7 models) (max 64GB)
<b>Graphic Chip</b>	Intel® UHD Graphics for 13th Gen Intel® Processors (Built-in CPU), support Intel® Iris® Xe Graphics when equipped with 2 DIMMs
<b>Storage</b>	512GB NVMe OPAL SSD (max 2TB)
<b>LCD</b>	14" Active Matrix (TFT) colour LCD 1366 x 768 pixels (HD) or 1920 x 1080 pixels (Full HD), optional capacitive 10 finger Touch Screen
<b>Bluetooth™</b>	5.3 Class 1
<b>Wireless LAN</b>	Intel® Wi-Fi6 AX201
<b>Mobile Broadband*</b>	4G LTE, EM7421, eSIM support
<b>Global Positioning*</b>	u-blox NEO-M9N (supports GPS, GLONASS, Beidou, Galileo)
<b>LAN</b>	IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (2nd GLAN optional)
<b>Sound</b>	MaxxAudio
<b>Enhanced Voice Recognition*</b>	2 Microphones (included in Front Camera)
<b>Front Camera*</b>	2 MP with IR / privacy shutter (Windows Hello compliant)
<b>Micro SDXC Memory Card</b>	x1
<b>USB 3.2</b>	x2
<b>Thunderbolt 4</b>	x1
<b>HDMI</b>	x1
<b>Headset</b>	x1
<b>DC In</b>	x1
<b>Dual Path Through Connector*</b>	x1
<b>TOUGHBOOK Universal Bay**</b>	2nd SSD, Smart Card Reader, DVD Multi Drive, Blu Ray Drive
<b>Front Expansion Slot**</b>	2nd Battery, Fingerprint Reader, HF-RFID Reader (Contactless Smart Card), Smart Card Reader
<b>Rear Expansion Slot**</b>	VGA + True Serial + 4th USB 3.2, VGA + True Serial + 2nd native GLAN, VGA + True Serial + Rugged USB 2.0, 4th USB 3.2 + USB Type c
<b>AC Adapter</b>	Input: 100V - 240V AC, 50Hz/ 60Hz, Output: 15.6V DC, 7.05A
<b>Battery</b>	Lithium-Ion 10.8V, 6500mAh (typ.), 6300mAh (min.)
<b>Power Management</b>	Standby function, ACPI BIOS
<b>Hot Swap*</b>	With 2nd Battery
<b>Dimensions (WxHxD)</b>	345mm x 272mm x 32.8mm (without protruding parts)
<b>Weight</b>	Approx 2.08kg to 2.22kg depending on configuration
<b>Drop Resistance***</b>	91cm
<b>Dust Resistance***</b>	IP5x
<b>Water Resistance***</b>	IPx3
<b>Operating Temperature***</b>	-29°C to +60°C
<b>Standard Configuration</b>	FZ-55mk3, 8GB / 16GB RAM, 512GB SSD, battery pack
<b>Included in the box</b>	Power Supply, Power Cord, Display cleaning cloth and User Manual, Stylus & Tether* (*supplied with TS models)
	x1

\* Optional

\*\* Exclusive Option, pre-configured or accessory

\*\*\* Tested by an independent third party lab following MIL-STD-810H and IEC 60529