



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

# TOUGHBOOK 55 mk3

TOUGHBOOK 55 with Windows 11 Pro, magnesium chassis, flexible configurations and universal bay is the most versatile 14" rugged Toughbook ever built, but doesn't compromise on durability, with an unique 'honeycomb' design for improved strength and splash resistant design. In terms of flexibility, the TOUGHBOOK 55 is equally outstanding. It offers a huge array of configuration options, making it easier for customers to have exactly the device they want.

### 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" Full-HD Active Matrix LCD, capacitive Touch Screen, 1,000cd/m<sup>2</sup> brightness

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Maximum flexibility by 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)



## TOUGHBOOK 55 mk3

<https://ap.connect.panasonic.com/sg/en/toughbook-55-mk3>

<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 64-bit
<b>RAM</b>	16GB 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) Non Touch Screen or 1920 x 1080 pixels (Full-HD), 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. 2.08 kg
<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, 16GB RAM, 512GB SSD, battery pack
<b>Included in the box</b>	Power Supply, Power Cord, Display cleaning cloth and User Manual
<b>Port Replicator*</b>	x1

\* Optional

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

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