



**14" RUGGED WINDOWS 10 PRO NOTEBOOK WITH  
FULL-HD DISPLAY**

## **TOUGHBOOK 55 mk2 Full- HD**

TOUGHBOOK 55 with Windows 10 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 1145G7 vPro™ Processor

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Windows 10 Pro

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14" Full-HD Active Matrix LCD, 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 18 hours battery life with standard battery

**TOUGHBOOK**



## TOUGHBOOK 55 mk2 Full-HD

<https://eu.connect.panasonic.com/se/en/products/toughbook/toughbook-55-mk2-full-hd>

<b>Mobile Computing Platform</b>	Intel® Core™ i5 1145G7 vPro™ Processor
<b>Operating System</b>	Windows 10 Pro 64-bit
<b>RAM</b>	8GB DDR4 RAM (max. 64GB)
<b>Graphic Chip</b>	Intel® UHD Graphics, support Intel® Iris® Xe Graphics when 2 RAM Modules installed
<b>Storage</b>	512GB NVMe OPAL SSD
<b>LCD</b>	14" Active Matrix (TFT) colour LCD 1920 x 1080 pixels (Full-HD)
<b>Bluetooth™</b>	5.1
<b>Wireless LAN</b>	Intel® Wi-Fi6 AX201
<b>Mobile Broadband*</b>	4G LTE, EM7455, eSIM support
<b>Global Positioning*</b>	u-blox NEO-M8N (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>	WAVE and MIDI playback, Intel® High Definition Audio subsystem support
<b>Enhanced Voice Recognition*</b>	4 Microphones (included in Front Camera)
<b>Front Camera*</b>	2 MP with IR / privacy shutter (Windows Hello compliant)
<b>Micro SDXC Memory Card</b>	x 1
<b>USB 3.2</b>	x2
<b>Thunderbolt 4</b>	x1
<b>HDMI</b>	x1
<b>LAN Port</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
<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
<b>Weight</b>	Approx. 2.13 kg
<b>Drop Resistance***</b>	91 cm
<b>Dust Resistance***</b>	IP5x
<b>Water Resistance***</b>	IPX3
<b>Operating Temperature***</b>	-29°C to +60°C
<b>Standard Configuration</b>	FZ-55mk2 (Full-HD), 8GB 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

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

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