



## 14" RUGGED WINDOWS 11 PRO NOTEBOOK

# TOUGHBOOK FZ-55

TOUGHBOOK FZ-55 with Windows 11 Pro, magnesium chassis, flexible configurations and universal bay is the most versatile 14" rugged Toughbook ever built, but doesn't it compromise on durability, with a unique 'honeycomb' design for improved strength and splash resistant design. In terms of flexibility, the TOUGHBOOK FZ-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

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

Windows 11 Pro

14" HD Active Matrix LCD

Maximum flexibility by two Expansion Slots and TOUGHBOOK Universal Bay

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



## TOUGHBOOK FZ-55

### Future-proofed for industry needs

The TOUGHBOOK 55 is ideal for automotive R&D engineers who need a rugged and reliable notebook to deal with challenging conditions, whether testing in remote locations, the heat chamber, or the test track. With telemetry being captured in real-time, the device can easily handle huge data volumes with its superior storage and connectivity capabilities.

For utilities and field service repairs the TOUGHBOOK 55 stands out with its multiple configuration and connectivity options, including to legacy systems and specialist ports.

For defence and the emergency services, the TOUGHBOOK 55 offers high levels of data protection as a Microsoft Secured-core PC and mission critical levels of connectivity.

Combined with a lightweight design and an IP53 rating that protects against dust and water splashes, the TOUGHBOOK 55 can stand up to knocks and drops up to 90cm\* and comfortably operate in temperatures ranging from -29°C to +60°C\*.

Panasonic Life Solutions India Pvt Ltd.

<https://toughbook.in.panasonic.com/>

<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>	8GB DDR4 RAM (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. 2GB)
<b>LCD - HD</b>	LCD - HD 14" Active Matrix (TFT) Colour LCD 1366 x 768 pixels
<b>LCD - FHD</b>	LCD - FHD 14" Active Matrix (TFT) Colour LCD 1920 x 1080 pixels (Full HD), capacitive 10 finger Touch Screen, upto 1000cd/m2 brightness
<b>Bluetooth™</b>	5.3 Class 1
<b>Wireless LAN</b>	Intel® ID Wi-Fi6 E AX211
<b>Mobile Broadband*</b>	4G LTE, 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>	Maxx Audio
<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>USB3.2</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>	2 <sup>nd</sup> SSD Smart Card Reader DVD Multi Drive, Blu Ray Drive
<b>Front Expansion Slot**</b>	2 <sup>nd</sup> 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 + 2 <sup>nd</sup> 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 2 <sup>nd</sup> Battery
<b>Dimensions (WxHxD)</b>	345mm x 272 mm x32.8mm (without protruding parts)
<b>Weight</b>	Approx. 2.08 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>Included in the box</b>	Power Supply, Power Cord, Display Cleaning Cloth and User Manual
<b>Footnote</b>	* Optional ** Exclusive Option, pre-configured or accessory *** Tested by an independent third party lab following MIL-STD-810H and IEC 60529

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CIN : U33110DL2013PTC253701 GST: 07AALCA6607M1ZZ