



## 14" RUGGED WINDOWS 11 PRO NOTEBOOK WITH HD DISPLAY

## TOUGHBOOK 55 Series

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" HD Active Matrix LCD

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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 Series

<https://ap.connect.panasonic.com/m/y/en/toughbook-55-series>

<b>Model</b>	FZ-55mk3 (Full-HD), 16GB RAM, 512GB SSD, battery pack, FZ-55mk3 (Full-HD with touchscreen), 16GB RAM, 512GB SSD, battery pack, FZ-55mk3 (HD), 16GB RAM, 512GB SSD, battery pack
<b>OS (Operating System)</b>	Windows 11 Pro
<b>CPU (Mobile Computing Platform) -&gt; Processor</b>	HD/Full-HD Touchscreen:Intel® Core™ i5 1345U vPro™ Processor or Intel® Core™ i7 1370P vPro™ Processor
<b>CPU (Mobile Computing Platform) -&gt; Graphics chips</b>	Full-HD:Intel® UHD Graphics, support Intel® Iris® Xe Graphics when 2 RAM Modules installed, HD/Full-HD Touchscreen:Intel® UHD Graphics for 13th Gen Intel® Processors (Built-in CPU), support Intel® Iris® Xe Graphics when equipped with 2 DIMMs
<b>Memory (RAM) (RAM Standard / Maximum) (Main memory)</b>	Full-HD:512GB NVMe OPAL SSD (with heater), HD/Full-HD Touchscreen:16GB DDR4 RAM (max. 64GB)
<b>Storage</b>	512GB NVMe OPAL SSD (max. 2TB)
<b>Display &amp; Graphics</b>	14"" Active Matrix (TFT) colour LCD 1920 x 1080 pixels (Full-HD), 14"" Active Matrix (TFT) colour LCD 1920 x 1080 pixels (Full-HD), capacitive 10 finger Touch Screen, up to 1.000cd/m <sup>2</sup> brightness, 14"" Active Matrix (TFT) colour LCD 1366 x 768 pixels (HD)
<b>Wireless</b>	Mobile Broadband*:4G LTE, EM7455, eSIM support, Global Positioning*:u-blox NEO-M8N (supports GPS, GLONASS, Beidou, Galileo), Wi-Fi:Full-HD:Intel® Wi-Fi 6 AX201, HD/Full HD Touchscreen:Intel® Wi-Fi 6 AX211, LAN:Full-HD:IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (2nd GLAN optional), HD/Full HD Touchscreen:IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (2nd GLAN optional), Bluetooth:Full-HD:5.1, HD/Full HD Touchscreen:5.3 Class 1,
<b>I/O Ports (Interface)</b>	USB 3.2:x2, Micro SDXC Memory Card:x1, HDMI:x1, Thunderbolt 4:x1, Dual Path Through Connector*:x1,
<b>Left expansion area</b>	TOUGHBOOK Universal Bay**:2nd SSD, Smart Card Reader, DVD Multi Drive, Blu Ray Drive
<b>Right expansion area</b>	Front Expansion Slot**:2nd Battery, Fingerprint Reader, HF-RFID Reader (Contactless Smart Card), Smart Card Reader
<b>Rear expansion area</b>	Full-HD:VGA + True Serial + 4th USB 3.2, VGA + True Serial + 2nd native GLAN, VGA + True Serial + Rugged USB 2.0, HD/Full-HD Touchscreen: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>Camera -&gt; Front</b>	Full-HD Touchscreen:2 MP with IR / privacy shutter (Windows Hello compliant), Full-HD:2 MP with IR / privacy shutter (Windows Hello compliant)
<b>Audio (Sound)</b>	Full-HD:WAVE and MIDI playback, Intel® High Definition Audio subsystem support, HD/Full-HD Touchscreen:MaxxAudio, Headset:x1
<b>Sensors</b>	Enhanced Voice Recognition*:4 Microphones (included in Front Camera)
<b>Dimensions -&gt; Main Unit</b>	HD:Approx. 2.08 kg, Full HD:Approx. 2.13 kg, Full HD Touchscreen:Approx. 2.22 kg
<b>Weight -&gt; Main Unit</b>	HD:345mm x 272mm x 32.8mm, HD/Full-HD Touchscreen:345mm x 272mm x 32.8mm (without protruding parts)
<b>Power (Power supply) -&gt; AC adapter</b>	Input: 100V - 240V AC, 50Hz/ 60Hz, Output: 15.6V DC, 7.05A, DC In:x1
<b>Power (Power supply) -&gt; Battery (Battery pack)</b>	Lithium-Ion 10.8V, 6500mAh (typ.), 6300mAh (min.)
<b>Power (Power supply) -&gt; Hot Swap</b>	Standby function, ACPI BIOS, Hot Swap*:With 2nd Battery
<b>Durability -&gt; Drop resistance</b>	91cm
<b>Durability -&gt; Dust resistance</b>	IP5X
<b>Durability -&gt; Water resistance</b>	IPX3
<b>Operating temperature</b>	-29°C to +60°C
<b>Included in Box</b>	Full-HD:Power Supply, Power Cord, Display cleaning cloth and User Manual, Full HD Touchscreen:Power Supply, Power Cord, capacitive pen, Display cleaning cloth and User Manual, HD:Power Supply, Power Cord, Display cleaning cloth and User Manual
<b>Warranty</b>	3-year limited warranty, parts and labor
<b>Integrated Options</b>	Port Replicator*:x1
<b>Footnote Description</b>	*:Optional, **:Exclusive Option, pre-configured or accessory, ***:Tested by an independent third party lab following MIL-STD-810H and IEC 60529

