Panasonic CONNECT



14" RUGGED WINDOWS 11 PRO NOTEBOOK WITH HD DISPLAY

TOUGHBOOK 55 mk3 HD

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

- 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)

intel vPRO i5

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TOUGHBOOK 55 mk3 HD

https://ap.connect.panasonic.com/th/en/toughbook-55-mk3-hd

Model	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
OS (Operating System)	Windows 11 Pro
CPU (Mobile Computing Platform) -> Processor	HD/Full-HD Touchsscreen:Intel® Core™ i5 1345U vPro™ Processor or Intel® Core™ i7 1370P vPro™ Processor
CPU (Mobile Computing Platform) -> Graphics chips	Full-HD:Intel® UHD Graphics, support Intel® Iris® Xe Graphics when 2 RAM Modules installed, HD/Full HD Touchsscreen:Intel® UHD Graphics for 13th Gen Intel® Processors (Built-in CPU), support Intel® Iris® Xe Graphics when equipped with 2 DIMMs
Memory (RAM) (RAM Standard / Maximum) (Main memory)	Full-HD:512GB NVMe OPAL SSD (with heater), HD/Full-HD Touchsscreen:16GB DDR4 RAM (max. 64GB)
Storage	512GB NVMe OPAL SSD (max. 2TB)
Display & Graphics	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/m² brightness, 14"" Active Matrix (TFT) colour LCD 1366 x 768 pixels (HD)
Wireless	Mobile Broadband*:4G LTE, EM7455, eSIM support, Global Positioning*:u-blox NEO-M8N (supports GPS, GLONASS, Beidou, Galileo), Wi-Fi:Full-HD:Intel® Wi-Fi6 AX201, HD/Full HD Touchsscreen:Intel® Wi-Fi6E 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 Touchsscreen: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 Touchsscreen:5.3 Class 1,
I/O Ports (Interface)	USB 3.2:x2, Micro SDXC Memory Card:x1, HDMI:x1, Thunderbolt 4:x1, Dual Path Through Connector*:x1,
Left expansion area	TOUGHBOOK Universal Bay**:2nd SSD, Smart Card Reader, DVD Multi Drive, Blu Ray Drive
Right expansion area	Front Expansion Slot**:2nd Battery, Fingerprint Reader, HF-RFID Reader (Contactless Smart Card), Smart Card Reader
Rear expansion area **	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 Touchsscreen: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,
Camera -> Front *	Full-HD Touchsscreen:2 MP with IR / privacy shutter (Windows Hello compliant), Full-HD/HD:2 MP with IR / privacy shutter (Windows Hello compliant)
Audio (Sound)	Full-HD:WAVE and MIDI playback, Intel® High Definition Audio subsystem support, HD/Full-HD Touchsscreen:MaxxAudio, Headset:x1
Sensors	Enhanced Voice Recognition*:4 Microphones (included in Front Camera)
Dimensions -> Main Unit	HD:Approx. 2.08 kg, Full HD:Approx. 2.13 kg, Full HD Touchsscreen:Approx. 2.22 kg
Weight -> Main Unit	HD:345mm x 272mm x 32.8mm, HD/Full-HD Touchsscreen:345mm x 272mm x 32.8mm (without protruding parts)
Power (Power supply) -> AC adapter	Input: 100V - 240V AC, 50Hz/ 60Hz, Output: 15.6V DC, 7.05A, DC In:x1
Power (Power supply) -> Battery (Battery pack)	Lithium-Ion 10.8V, 6500mAh (typ.), 6300mAh (min.)
Power (Power supply) -> Hot Swap	Standby function, ACPI BIOS, Hot Swap*:With 2nd Battery
Durability -> Drop resistance ***	91cm
Durability -> Dust resistance ***	IP5x
Durability -> Water resistance ***	IPx3
Operating temperature ***	-29°C to +60°C
Included in Box	Full-HD:Power Supply, Power Cord, Display cleaning cloth and User Manual, Full HD Touchsscreen:Power Supply, Power Cord, capacitive pen, Display cleaning cloth and User Manual, HD:Power Supply, Power Cord, Display cleaning cloth and User Manual
Warranty	3-year limited warranty, parts and labor
Integrated Options	Port Replicator*:x1
Footnote Description	*:Optional, **:Exclusive Option, pre-configured or accessory, ***:Tested by an independent third party lab following MIL-STD-810H and IEC 60529