



## Windows 11 Pro Rugged Laptop with 14.0" Outdoor Display

# TOUGHBOOK 55

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 a unique 'honeycomb' design for improved strength and splash resistance. In terms of flexibility, the TOUGHBOOK 55 is equally outstanding. It offers a huge array of flexible self configuration options, making it easier to customise the device to suit multiple job roles and business needs as they change.

### Key Features

Windows 11 Pro

Intel® Core™ i5-1145G7 vPro™ Processor (optional Intel® Core™ i7-1185G7 vPro™\*)

14" WXGA or Full-HD Active Matrix LCD, optional capacitive Touch Screen, up to 1,000cd/m<sup>2</sup> brightness

Maximum flexibility by two Expansion Slots and TOUGHBOOK Universal Bay

Up to 19 hours battery life with standard battery



## TOUGHBOOK 55

<https://ap.connect.panasonic.com/th/en/products/toughbook/toughbook-55>

<b>Operating System</b>	Windows 11 Pro
<b>Mobile Computing Platform</b>	Intel® Core™ i5-1145G7 vPro™ processor (optional Intel® Core™ i7-1185G7 vPro™*)
<b>RAM</b>	8GB RAM (max. 64GB)
<b>Graphic Chip</b>	Intel® UHD Graphics, supports Intel® Iris® Xe Graphics when 2 RAM Modules installed
<b>Storage</b>	256GB SSD
<b>LCD</b>	14" Active Matrix (TFT) colour LCD 1366x768 pixels (HD) or 1920x1080 pixels (Full-HD), optional capacitive 10 finger Touch Screen.
<b>Bluetooth™</b>	5.0
<b>Wireless LAN</b>	Intel® Dual Band Wireless-AC 9560
<b>Mobile Broadband*</b>	4G LTE, EM7430
<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 (standard configuration on Full-HD models only)
<b>Micro SDXC Memory Card</b>	x1
<b>USB 3.1</b>	x2
<b>USB 3.1 type C PD</b>	x1
<b>HDMI</b>	x1
<b>Headset</b>	x1
<b>DC In</b>	x1
<b>Port Replicator</b>	x1
<b>Dual Path Through Connector*</b>	x1
<b>TOUGHBOOK Universal Bay**</b>	2nd SSD (256 GB / 512 GB / 1 TB), Smart Card Reader, DVD Multi Drive, Blu Ray Drive
<b>Front Expansion Slot**</b>	2nd Battery, Fingerprint Reader, Contactless Smart Card Reader (HF-RFID), Smart Card Reader
<b>Rear Expansion Slot***</b>	VGA + True Serial + 4th USB 3.1 (standard configuration on Full-HD models only), 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>Battery Life</b>	Approx. 19 hours (Mobile Mark™ 2014)
	Approx. 38 hours with 2nd battery (Mobile Mark™ 2014)
<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. 2.08 kg to 2.22 kg depending on configuration
<b>Drop Resistance</b>	90cm****
<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, capacitive pen, Display cleaning cloth and User Manual

\* Optional

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

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

\*\*\*\* Tested by an independent third party lab following MIL-STD810H Method 516.8 Procedure IV for transit drop test and Method 501.7 and 502.7 Procedure II for operation temperature test. May differ depending on models and options.