Panasonic CONNECT

14" Semi-Rugged Windows 11 Pro (Windows 10 Pro downgrade preinstalled) Notebook with optional Full-HD Touch Screen

TOUGHBOOK 55

TOUGHBOOK 55 with Windows 11 Pro, magnesium chassis, flexible configurations and universal bay is the most versatile 14" semi-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 flexible self configuration options, making it easier to customise the device to suit multiple job roles and business needs as they change

Key Features

Intel® Core™ i5-1145G7 vPro™ Processor

Windows 11 Pro (Windows 10 Pro downgrade preinstalled)

14" WXGA or Full-HD Active Matrix LCD, optional capacitive Touch Screen, up to 1,000cd/m² brightness

Maximum flexibility by two Expansion Slots and TOUGHBOOK Universal Bay

Up to 19 hours battery life with standard battery.

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Mobile Computing Platform	Intel® Core™ i5-1145G7 vPro™ processor (1.6GHz up to 4.1GHz, 6MB Intel® Smart Cache)
Operating System	Windows 11 Pro (Windows 10 Pro downgrade preinstalled)
RAM	8GB RAM (max. 64GB)
Graphic Chip	Intel® UHD Graphics 620 (AMD Radeon Pro WX in TOUGHBOOK Universal Bay optional)
Storage	256GB SSD
LCD	14" Active Matrix (TFT) colour LCD 1366x768 pixels (HD) or 1920x1080 pixels (Full-HD), optional capacitive 10 finger Touch Screen.
Bluetooth™	5.0
Wireless LAN	Intel® Dual Band Wireless-AC 9560
Mobile Broadband*	4G LTE, EM7430
Global Positioning*	u-blox NEO-M8N (supports GPS, GLONASS, Beidou, Galileo)
LAN	IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (2nd GLAN optional)
Sound	WAVE and MIDI playback, Intel® High Definition Audio subsystem support
Enhanced Voice Recognition*	4 Microphones (included in Front Camera)
Front Camera*	2 MP with IR / privacy shutter, Windows Hello compliant (standard configuration on Full-HD models only)
Micro SDXC Memory Card	x1
USB 3.1	x2
USB 3.1 type C PD	x1
HDMI	x1
Headset	x1
DC In	x1
Port Replicator	x1
Dual Path Through Connector*	x1
TOUGHBOOK Universal Bay**	Discrete GPU (AMD Radeon ProWX), 2nd SSD (256 GB / 512 GB / 1 TB), Smart Card Reader, DVD Multi Drive, Blu Ray Drive
Front Expansion Slot**	2nd Battery, Fingerprint Reader, Contactless Smart Card Reader (HF-RFID), Smart Card Reader
Rear Expansion Slot***	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
AC Adapter	Input: 100V - 240V AC, 50Hz/ 60Hz, Output: 15.6V DC, 7.05A
Battery	Lithium-Ion 10.8V, 6500mAh (typ.), 6300mAh (min.)
Battery Life	Approx. 19 hours (Mobile Mark™ 2014) Approx. 38 hours with 2nd battery (Mobile Mark™ 2014)
Power Management	Standby function, ACPI BIOS
Hot Swap*	With 2nd Battery
Dimensions (WxHxD)	345mm x 272mm x 32.8mm
Weight	Approx. 2.08 kg to 2.22 kg depending on configuration
Drop Resistance	90cm****
Dust Resistance	IP5x
Water Resistance	IPx3
Operating Temperature	-29°C to +60°C****
Included in the box	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.