Panasonic
CONNECT

14" RUGGED WINDOWS 11 PRO NOTEBOOK WITH HD DISPLAY

TOUGHBOOK 55 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 1145G7 vPro™ Processor

Windows 11 Pro / Windows 10 Downgrade Model available

14" HD Active Matrix LCD

Maximum flexibility by two Expansion Slots and TOUGHBOOK Universal Bay

Up to 19 hours battery life with standard battery

TOUGHBOOK 55 HD

https://eu.connect.panasonic.com/gb/en/products/toughbook/toughbook-55-hd

Mobile Computing Platform	Intel® Core™ i5 1145G7 vPro™ Processor
Operating System	Windows 11 Pro / Windows 10 Downgrade Model available
RAM	8GB DDR4 RAM (max. 64GB)
Graphic Chip	Intel® UHD Graphics, support Intel® Iris® Xe Graphics when 2 RAM Modules installed
Storage	256GB NVMe OPAL SSD (with heater)
LCD	14" Active Matrix (TFT) colour LCD 1366 x 768 pixels (HD)
Bluetooth™	5.1
Wireless LAN	Intel® Dual Band Wireless-AC 9560
Mobile Broadband*	4G LTE, EM7455, eSIM support
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)
Micro SDXC Memory Card	x1
USB 3.2	x2
Thunderbolt 4	x1
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**	2nd SSD, Smart Card Reader, DVD Multi Drive, Blu Ray Drive
Front Expansion Slot**	2nd Battery, Fingerprint Reader, HF-RFID Reader (Contactless Smart Card), Smart Card Reader
Rear Expansion Slot**	VGA + True Serial + 4th USB 3.2, 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
Drop Resistance***	91cm
Dust Resistance***	IP5x
Water Resistance***	IPx3
Operating Temperature***	-29°C to +60°C
Standard Configuration	FZ-55mk2 (HD), 8GB RAM, 256GB SSD, battery pack
Included in the box	Power Supply, Power Cord, Display cleaning cloth and User Manual

* Optional
** Exclusive Option, pre-configured or accessory
*** Tested by an independent third party lab following MIL-STD-810H and IEC 60529