



14" NOTEBOOK MIT WINDOWS 11 PRO, RUGGEDIZED SCHUTZ UND HD-DISPLAY

TOUGHBOOK 55 HD

Das TOUGHBOOK 55 mit Windows 11 Pro, robustem Magnesiumgehäuse, flexiblen Konfigurationen sowie Modulschacht ist das vielseitigste jemals gebaute Ruggedized TOUGHBOOK im 14"-Format. Dabei sorgen die einzigartig stabile Wabenbauweise und das spritzwasserfeste Design für höchste Robustheit. Auch in Sachen Flexibilität ist das TOUGHBOOK 55 herausragend. Dank der großen Vielfalt an Konfigurationsoptionen kann sich jeder Kunde genau das Gerät zusammenstellen, das für seine Anforderungen passt.

Key Features

Intel® Core™ i5 1145G7 vPro™ Prozessor

Windows 11 Pro / Windows 10 Downgrade Modell verfügbar

14" HD Aktivmatrix LCD

Maximale Flexibilität durch zwei Erweiterungssteckplätze und TOUGHBOOK Modulschacht

Bis zu 19 Std. Akkulaufzeit mit Standardakku



TOUGHBOOK 55 HD

<https://eu.connect.panasonic.com/de/de/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