



14" Semi-Rugged Windows 10 Pro Notebook with Full-HD Display and touchscreen

TOUGHBOOK 54 Full HD Touch

TOUGHBOOK 54 with Windows 10 Pro, magnesium chassis, user replaceable battery and user replaceable storage is the thinnest and lightest 14" semi-rugged TOUGHBOOK ever built, but doesn't compromise on durability, with an unique 'honeycomb' design for improved strength and spill resistant keyboard & touchpad area. In terms of flexibility, the TOUGHBOOK 54 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™ i5-7300U vPro™ Processor

Windows 10 Pro

14" Active Matrix (TFT) colour LCD 1920 x 1080 (Full-HD) LCD with sunlight-viewable glove-enabled capacitive touchscreen (up to 1.000cd/m²)

Robust honeycomb-style magnesium casing with carry handle

Long battery life of up to 10 hours, with hot swap* and second battery* (up to 17 hours)

TOUGHBOOK 54
Full HD Touch

<https://oc.connect.panasonic.com/au/en/products/toughbook/toughbook-54-full-hd-touch>

Mobile Computing Platform	Intel® Core™ i5-7300U vPro™ processor
Operating System	Windows 10 Pro
RAM	4GB RAM (max. 32GB)
Graphic Chip	Intel® HD Graphics 620 (AMD Radeon™ Pro WX 4150 optional)
Storage	256GB SSD (128GB optional)
LCD	14" Active Matrix (TFT) colour LCD 1920 x 1080 pixels (Full-HD), Sunlight-viewable glove-enabled capacitive touchscreen (up to 1.000cd/m ²)
Bluetooth™	4.2 + EDR Class 1
Wireless LAN	Intel® Dual Band Wireless-AC 8265; slide on/off switch
Mobile Broadband*	4G LTE, supports 3G
LAN	x1 (2nd LAN optional)
Sound	WAVE and MIDI playback, Intel® High Definition Audio subsystem support
Security	TPM (TCG V2.0 compliant) Password security (supervisor password, user password, hard disc lock) Integrated hardware security lock slot
Front Camera*	2MP with digital microphone
SD/SDXC Memory Card	x1
RAM Module	x2, DDR4L SDRAM, one slot occupied
Configuration area	DVD as standard (or PC card* (Type I or II) or 2nd battery* (6 cell, 32Wh) or Smart Card Reader*)
USB 3.0	x3
HDMI	x1
VGA	x1
Native Serial Port	x1
Headphone	x1
Microphone	x1
DC In	x1
Port Replicator	x1
Configuration port*	x1 (2nd LAN or Rugged USB 2.0 or dedicated GPS (u-blox) or 4th USB 2.0)
AC Adapter	Input: 100V ~ 240V, 50Hz/60Hz; Output: 15.6V, 7.05A
Battery	Lithium-Ion (6 cell, 46 Whr)
Battery Life	Approx. 10 hours (Mobile Mark™ 2014), Approx. 17 hours with 2nd battery (6cell, 32Wh)*
Power Management	Hot swap*, Standby function, ACPI BIOS
Dimensions (WxHxD)	345mm x 272mm x 29.8mm / 13.6" x 10.7" x 1.17"
Weight	Approx. 2.1 kg / 4.63 lb
Project based options*	Contactless Smart Card Reader or Fingerprint Reader, Smart Card Reader, 4G Mobile Broadband (LTE, up to 100Mbps), dedicated GPS (u-blox), Bridge battery for hot swap, Dual Pass through Antenna
Drop Resistance	MIL-STD 810G, 90cm**
Dust Resistance	IEC529 (JIS C0920) IP5x**
Water Resistance	IEC529 (JIS C0920) IPx1**
Operating Temperature	MIL-STD 810G, -10 °C to 50 °C **
Standard Configuration	CF-54mk3 (Full-HD with touchscreen), 8GB RAM, 256GB SSD, DVD, VGA and Serial port, battery pack
Included in the box	Power Supply, Power Cord, Display cleaning cloth and User Manual
Footnote	*Optional

**Tested by an independent third party lab following MIL-STD-810G and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14.3

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