Panasonic

TOUGHBOOK CF-54 HD
14'' SEMI-RUGGED WINDOWS 8.1 PRO NOTEBOOK WITH HD DISPLAY

Toughbook CF-54 with Windows 8.1 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 CF-54 is equally outstanding. It offers a huge array of configuration options, making it easier for customers to have exactly the device they want.

- Intel® Core™ i5-5300U vPro™ Processor
- Windows 8.1 Pro
- 14'' HD (1366 ×768 pixels) Active Matrix (TFT) LCD
- Lightweight and slim design (approx. 1.99 kg and 29.8mm)
- 4GB RAM (max. 16GB) and 500GB HDD (Optional 128/256GB SSD)
- 3x USB 3.0, 1x HDMI, 1x LAN and SD card slot as standard
- Flexible configuration area* (DVD or 2nd battery or Smartcard reader or PC card)
- Flexible configuration port** (2nd LAN or d-GPS or 4th USB 2.0 or rugged USB)

- Long battery life of up to 11 hours, with hot swap* and second battery* (up to 18 hours)
- True serial port**, VGA** and 4G LTE*
- Operating temperature of -10 °C to +50 °C (HDD/SSD heater as standard)
- Robust honeycomb-style magnesium casing with carry handle
- Withstands drops from a height of 76cm***
- Shock and vibration protected for vehicle docking
- 3-year standard warranty

*Optional
** Optional and requires extended bottom cover
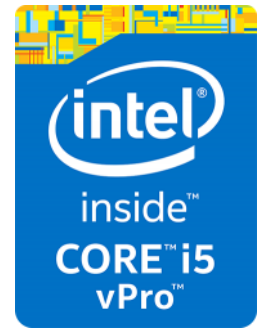***Tested at Panasonic laboratory

intel inside™
CORE™ i5
vPro™

TOUGHBOOK

www.toughbook.eu

MOBILE BUSINESS EXCELLENCE

SEMI-RUGGED REDEFINED

Breaking the mould for semi-rugged notebooks, the Toughbook CF-54 is only around 30mm thick and weighs just under 2kg. Equipped with Windows 8.1 Pro and the new 5th-generation Intel® Core™ i5 vPro™ processor which delivers faster computing power, better graphic performance and lower power consumption than its 4th-generation counterpart, the Toughbook CF-54 sets a new benchmark.

Mobile Computing Platform	Intel® Core™ i5-5300U vPro™ processor (2.3GHz, 3MB Intel® Smart Cache)	
Operating System	Windows 8.1 Pro	
	Windows® 7 Professional Downgrade	
RAM	4GB DDR3 SDRAM (max. 16GB)	
Graphic Chip	Intel® HD 5500 Graphics	
Storage	500GB HDD (SATA, 5400 rpm)	
	Optional: 128/256GB SSD	
LCD	14'' Active Matrix (TFT) colour LCD 1366 x 768 pixels (HD)	
Bluetooth™	4.0 + EDR Class 1	
Wireless LAN	Intel® Dual Band Wireless-AC 7265; slide on/off switch	
LAN	IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (2nd LAN optional)	
Sound	WAVE and MIDI playback, Intel® High Definition Audio subsystem support	
Security	TPM (TCG V1.2 compliant) Password security (supervisor password, user password, hard disc lock) Integrated hardware security lock slot	
Webcam (Harware option)	2MP with digital microphone	
Card Slots	SD/SDXC Memory Card:	x1
	RAM Module:	x2, DDR3L SDRAM, one slot occupied
Configuration area*	x1 (DVD drive or PC card slot (Type I or II) or 2nd battery (6 cell, 32Wh) or Smart Card Reader)	
Interfaces	USB 3.0	x3, 9-pin
	HDMI:	x1, Type A
	LAN:	x1, RJ-45 (2nd LAN optional)
	Headphones:	x1, Mini-jack, 3.5 DIA, stereo
	DC In:	Jack
	Port Replicator:	x1, 24-pin
	VGA port**:	x1, Mini Dsub, 15-pin
	True Serial port**:	x1, Dsub, 9-pin
	Configuration port**:	x1 (2nd LAN or Rugged USB 2.0 or dedicated GPS (u-blox) or 4th USB 2.0)
Input Devices	88 Keys / Touch Pad	
Power	AC Adapter:	Input: 100V ~ 240V, 50Hz/60Hz; Output: 15.6V, 7.05A
	Battery:	Lithium-Ion (6 cell, 46Wh)
	Battery Life:	Approx. 11h (Mobile Mark™ 2007, 60cd/m²), Approx. 18h 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. 1.99 kg / 4.39 lb	
Integrated 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	
Accessories	AC Adapter:	CF-AA5713A
	Battery Pack (Main battery, 6cell 46Wh):	CF-VZSU0PW
	Battery pack (2nd battery*, 6cell 32Wh):	CF-VZSU0KW
	Battery Charger:	CF-VCBTB2W
	Car Charger:	CF-LND1224A (120W)
	Port-Replicator:	CF-VEB541U
	Display Protection Film	CF-VPF29U
	4GB DIMM (PC3L-12800: DDR3):	CF-WMBA1304G
	8GB DIMM (PC3L-12800: DDR3)	CF-KBAS08GM
	Carrying Solutions:	Please visit www.toughbook.eu

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