

Panasonic recommends Windows 10 Pro



TOUGHBOOK CF-53MK4

SEMI RUGGED HIGH PERFORMANCE MOBILE PC

The CF-53 provides a perfect balance between mobility and rugged features, such as resistance to impact and drops up to 76cm and a spill resistant keyboard. Partnered with its large 14-inch HD LED display, Intel Core™ i5 vPro™ processor, vast array of expansions slots and connections, the CF-53 is powerful enough to act as a desktop replacement. Its integrated pull out handle also offers mobile workers on the move an efficient and safe way to carry their device.



- 14-inch high-performance semi-rugged PC
- Ergonomic design including integrated pull out handle for easy carriage
- Withstands drops from a height of 76cm*
- Spill resistant keyboard, touchpad, and optical DVD drive**
- Robust magnesium alloy casing
- Shock-protected HDD
- Battery life up to 15 hours
- LAN, PC Card slot, Express card slot, SDXC card slot, USB 3.0 x2, USB 2.0 x2, serial port, HDMI and VGA
- Optional integrated 4G/LTE
- Optional Touchscreen model with sunlight viewable 1000 nit display
- Built-in security chip (TPM v1.2) for data protection

* Carried out in Panasonic technical research lab. Test conducted in non-operating condition.

** Spill resistance applies to all of the keyboard. It does not apply to the side panel, battery section, speakers, and DVD drive when it is open. The spill-resistant performance of the product does not guarantee that it will be free from damage or malfunction. If water is spilled onto it, be sure to have it repaired.

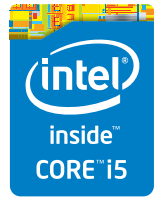
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For professionals who need durable, no-nonsense technology that lasts, look no further than the Semi Ruggedised Toughbook range.



Mobile Computing Platform	Intel® Core™ i5-4310U vPro™ Processor 2.0GHz with Intel® Turbo Boost up to 3.0GHz, 3MB Cache	
Operating System	Windows 10 Pro	
RAM	4GB DDR3L SDRAM (max 8GB + 8GB)	
Graphic Chip	Intel® HD Graphics 4400 (built-in CPU)	
Web Camera (optional)**	HD 1280 x 720, 30 fps	
Storage	500 GB SATA HDD	
Display	14" WXGA 1366 x 768 TFT Display Up to 220cd/m ² brightness (Standard model), 1000 cd/m ² brightness (Touchscreen model)	
Optical Drive	DVD Multi Drive	
Bluetooth®	Version 4.0 + EDR Class 1	
WLAN	Intel® Dual Band Wireless - AC7260 (802.11ac)	
4G/LTE Mobile Broadband (optional)**	Sierra Wireless EM7305 (Gobi 5000)	
Sound	Built-in Stereo Speakers	
Interface Standard	LAN (RJ45 1000M/100M/10Mbps)	HDMI
	PC Card Slot	VGA
	Express Card Slot	Headphone Output
	SDXC Memory Card Slot	Microphone Input
	USB 3.0: x2, USB 2.0 x2	Docking Connector (dedicated 100-pin)
	Serial (RS-232)	
Interface Options*	Option Port 1: Firewire IEEE 1394 (CF-K53FW001) or 2nd LAN RJ45 (CF-K53LN003) or Dual Pass Through Antenna with GPS (CF-K53GP002) or USB Fischer Connector (CF-K53FC002)	
	Smart Card Reader (CF-WSC532)	
	Contactless Smart Card Reader (CF-K53RF001)	
	Fingerprint Reader (CF-WFP532)	
	Emissive Keyboard (CF-WKB5338M)	
Power	Standard Battery: Li-Ion 9 cell 10.8V, 6750mAh (typical) - CF-VZSU71U	
	Operating Time: Up to 15 hours	
	Charging Time: 2 hours	
Security Features	TPM (Trusted Platform Module, TCG V1.2 compliant), Integrated Kensington cable security lock slot, Optional SmartCard reader, Optional Contactless Smartcard reader, Optional Fingerprint Reader	
Physical Dimensions	281mm (W) x 340mm (H) x 46-55mm (D)	
Weight	Approx 2.65kg (Standard), 2.95kg (Touchscreen)	
Operating Temperature	0° - 50° C (HDD with heater model can work to -10°C)	
Accessories	AC Adapter: CF-AA5713AM	
	Port Replicator: CF-VEB531 - USB 3.0 x 1, USB 2.0 x3, Serial, LAN, VGA, HDMI, Kensington Lock	
	Battery Charger: CF-VCBTB2W	
	14" Screen Protective Film: CF-VPF17U	
	Stylus: CF-VNP009U	
	Tether: CF-VNT002U	
Ruggedness	Gravity drop resistance test: 76cm**	
	Spill Resistant Keyboard	
	Shock mounted HDD with floating connectors	
	Magnesium Alloy Chassis	
	MIL-STD-810G certified (76cm drop, shock, vibration, rain, dust, sand, altitude, high/low temperature, temperature shock, humidity)**	

* Option combinations are varied. Please consult with your local rep for further info.

** Carried out in Panasonic technical research lab. Test conducted in non-operating condition.

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Dealer Details: