Panasonic recommends Windows 8.1 Pro

TOUGHBOOK **CF-53**MK4

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.

TOUGHBOOK

Panasonic

intel inside™ CORE™ i5

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TOUGHBOOK **CF-53**MK4
SEMI RUGGED HIGH PERFORMANCE MOBILE PC

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 8.1 Pro 64-bit*
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/m² brightness (Standard model), 1000 cd/m² 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℃)
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)***

Dealer Details:

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Industrial Electronics

TOUGHBOOK

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