Panasonic recommends Windows 10 Pro

TOUGHBOOK **CF-20**MK1

THE WORLD'S THINNEST, LIGHTEST FULLY RUGGED 2-IN-1 DEVICE

WINDOWS 10 PRO FULLY RUGGED DETACHABLE WITH 10.1" OUTDOOR FULL-HD DISPLAY

The Panasonic Toughbook CF-20 delivers a new level of unrivalled versatility for mobile business computing as the first fully rugged detachable notebook. Offering the best of all worlds for mobile workers, the Toughbook can be used in 6 different modes to meet every business need. With it's glove enabled touchscreen, up to 14 hour hot swappable battery life and purpose-built Vehicle Mount and Desktop Port Replicator, the Panasonic Toughbook CF-20 is an unrivalled mobile business machine.

- Intel® Core™ M5-6Y57 vPro™ Processor
- Windows 10 Pro
- Intel® HD Graphics 515
- Next generation IPS outdoor display technology
- 10.1" high brightness WUXGA (1920x1200) display (up to 800cd/m^2)
- Capacitive 10 finger multi-touchscreen
- Optional IP55 Digitiser
- 120cm drop resistant (Main Unit)*
- Water and dust resistant (IP65)*
- Up to 7 hours battery life (MobileMark™ 2007)
- User exchangeable battery
- Hot swap function
- Flexible configurations (serial, smartcard, 2D barcode reader)
- Lightweight design - weighs approximately 1.76kg.
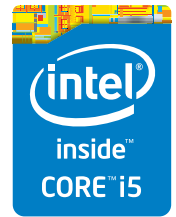
* Tested at Panasonic factory.

TOUGHBOOK

Panasonic

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TOUGHBOOK **CF-20**MK1
TWO PARTS - ONE STORY.
FOR FIELD PROFESSIONALS WHO FACE THE TOUGHEST CHALLENGES

This latest detachable device offers the richest set of business interfaces with additional customisable options to meet a worker's needs. It is the first fully rugged Toughbook to ship with Windows 10 Pro and the first Toughbook to be powered by 6th Generation Intel® Core™ vPro™ processor technology. Target industries for the device include insurance assessors, fleet management and car hire, field workers, maintenance and service technicians in utilities and telecommunications, as well as government agencies, defence and the emergency services.

Mobile Computing Platform	Intel® Core™ m5-6Y57 vPro™ Processor 1.1GHz up to 2.8 GHz with Intel® Turbo Boost Technology, 4MB Intel® Smart Cache	
Operating System	Windows 10 Pro, Windows® 7 Professional	
RAM	8GB RAM	
Graphic Chip	Intel® HD Graphics 515	
Camera	Front: 2MP	Rear: 8MP with autofocus and LED light
Storage	256GB Solid State Drive (Serial ATA)	
LCD	10.1" sunlight-viewable WUXGA Active Matrix (TFT) IPS Colour LCD (up to 800 cd/m² brightness)	
Touchscreen	10 finger capacitive multi-touchscreen	
	IP55 Digitiser optional	
Bluetooth®	Version 4.1 Class 1	
WLAN Intel®	Dual Band Wireless-AC 8260	
Mobile Broadband	Optional 4G LTE with integrated 12-channel GPS and Dual Pass Thru	
Dedicated GPS	Optional u-blox NEO-M8N with GPS/GLONASS/SBAS Support	
LAN	x2 1000BASE-T/ 100BASE-TX/ 10BASE-T (Main Unit and Keyboard Base)	
Sound	WAVE and MIDI playback, Intel® High Definition Audio subsystem support, Microphone arrays (built-in)	
Interface	USB 3.0: x3 (x2 Keyboard Base, x1 Main Unit)	VGA: x1 (Keyboard Base) Headset: x1 (Main Unit)
	USB 2.0: x1 (Keyboard Base)	Port Replicator Connector: x1
	LAN Connector: x 2 RJ-45 (1x Keyboard Base, x1 Main Unit)	Dual Extenal Antenna Connector: x1 (Keyboard Base)
	Serial: x1 (Keyboard Base) x1 Optional (Main Unit Configuration Port)	Backlit Emissive Keyboard
	HDMI: x1 (Main Unit), x 1 (Keyboard Base)	
Configuration Port*	Serial, 2D Barcode Reader, 2nd USB 2.0	
Business Expansion Module*	Smartcard Reader, NFC, Fingerprint Reader	
Expansion Slots	Micro SD/SDXC Memory Card: x 1 SDXC (Main Unit)	x1 SDXC (Keyboard Base)
Power	AC Adapter: Input: 100V -240V AC, 50Hz/60Hz, Output: 16 VDC, 4.06A	
	Battery: Li-Ion 11.4V, 2600mAh	
	Operating Time: 7 hours (MobileMark™ 2007)	
	14 hours utilising 2 batteries in Main Unit and Keyboard Base (MobileMark™ 2007)	
Security Features	TPM (Trusted Platform Module, TCG V1.2 compliant), Integrated hardware security lock slot, Password security (supervisor password, user password, HDD lock)	
Physical Dimensions	272mm (W) x 233mm (H) x 33.5mm (D) (Main Unit + Keyboard Base)	
	272mm (W) x 196mm (H) x 16.4mm (D) (Main Unit)	
Weight	Approx 1.76kg (Main Unit + Keyboard Base)	
	Approx 950g (Main Unit)	
Accessories	Desktop Port Replicator: CF-VEB201U	
	Battery Pack: CF-VZSU0QW	
	4 Bay Battery Charger: CF-VCB201M	
Testing Standards	Water resistance test: IP-X5**	
	Dust resistance test: IP-6X**	
	Operating temperature: -10°C to +50°C {14°F to 122°F}	
	Storage temperature: -20°C to +60°C {-4°F to 140°F}	

*One option exlusive possible in configuration port / business expansion module
** Tested at Panasonic Factory
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Dealer Details:

TOUGHBOOK   **www.toughbook.com.au**   **Panasonic**