

Panasonic recommends Windows® 10 Pro.

**Panasonic**  
BUSINESS



# TOUGHBOOK CF-20 TWO PARTS - ONE STORY

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 its 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<sup>2</sup>)
- Capacitive 10 finger multi-touchscreen
- 120 cm drop resistant (Main Unit)\*
- Water and dust resistant (IP65)\*
- up to 10 hours battery life (MobileMark 2007)
- up to 20 hours battery life with second battery (MobileMark 2007)
- User exchangeable battery
- Hot swap function
- Flexible configurations (serial, smartcard, 2D barcode reader)
- Lightweight design - weights approx. 1,76kg

**TOUGHBOOK**



[in.panasonic-toughbook.asia](http://in.panasonic-toughbook.asia)

# 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 vProprocessor 1.1 GHz up to 2.8 GHz with Intel® Turbo Boost Technology, 4MB Intel® Smart Cache
Operating System	Windows 10 Pro
RAM	8GB RAM
Graphic Chip	Intel® HD Graphics 515
Camera	Front: 2 MP Rear: 8 MP with autofocus and LED light
Storage	256 GB Solid State Drive (Serial ATA)
LCD	10.1" sunlight-viewable WUXGA Active Matrix (TFT) IPS colour LCD (up to 800cd/m <sup>2</sup> 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
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	Intel® High Definition Audio subsystem support, Microphone arrays (built-in)
Interface	USB 3.0: x3 (x2 Keyboard Base, x1 Main Unit) USB 2.0: x1 (Keyboard Base) LAN Connector: x2 RJ-45 (x1 Keyboard Base, x1 Main Unit) Serial: x1 (Keyboard Base) x1 optional (Main Unit Configuration Port) HDMI: x1 (Main Unit) x1 (Keyboard Base) VGA: x1 (Keyboard Base) Headset: x1 (Main Unit) Port Replicator Connector: x1 Dual External Antenna Connector: x1 (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: x1 micro SDXC (Main Unit) x1 SDXC (Keyboard Base)
Power	AC Adapter: Input: 100V - 240V AC, 50Hz/60Hz, Output: 16 VDC, 4.06A Battery: Li-Ion 11.4 V, 2600mAh Operating Time: 10hours (MobileMark2007) 20hours utilising 2 batteries in Main Unit and Keyboard Base (MobileMark2007)
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 (W x D x H)	272 mm x 233 mm x 33.5 mm (Main Unit + Keyboard Base) 272mm x 196mm x 16.4mm (Main Unit)
Weight	Approx. 1.76kg (Main Unit + Keyboard Base) Approx 950g (Main Unit)
Accessories	Desktop Port Replicator CF-VEB201U Vehicle Dock CF-CDS20VM0x Battery Pack CF-VZSU0Q 4 Bay Battery Charger CF-VCB201x
Testing Standards	Water resistance test: IP-X5** Dust resistance test: IP-6X** Gravity drop resistance test: 120 cm** 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 exclusive possible in configuration port / business expansion module

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