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 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.

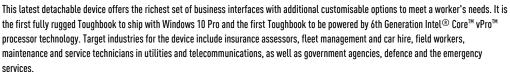
- Intel® Core™ m5-6Y57 vPro™ processor
- Windows 10 Pro
- Intel® HD Graphics 515
- Next generation IPS outdoor display technology
- 10.1" high brightness WUXGA (1920x1200) display (up to 800cd/m²)
- Capacitive 10 finger multi-touchscreen
- Optional IP55 Digitiser

- 120 cm drop resistant (Main Unit)*
- Water and dust resistant (IP65)*
- up to 7 hours battery life (MobileMark™ 2007)
- up to 14 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
- * Tested at Panasonic Factory



TWO PARTS - ONE STORY

FOR FIELD PROFESSIONALS WHO FACE THE TOUGHEST CHALLENGES













Mobile Computing Platform	Intel® Core™ m5-6Y57 vPro™ processor	
	1.1 GHz 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:	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) IP	S colour LCD (up to 800cd/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	
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)
interrace	USB 2.0:	x1 (Keyboard Base)
	LAN Connector:	x2 RJ-45 (x1 Keyboard Base, x1 Main Unit)
	Serial:	x1 (Keyboard Base)
	Serial.	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-lon 11.4 V, 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 (W x D x H) Weight	•	ase)
	272mm x 196mm x 16.4mm (Main Unit)	
	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
	Carrying Solution	Please visit www.toughbook.eu
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}

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 $^{{\}bf *One\ option\ extusive\ possible\ in\ configuration\ port\ /\ business\ expansion\ module}$

^{**} Tested at Panasonic Factory