Panasonic recommends Windows 8.1 Pro

TOUGHBOOK **CF-19**MK8

FULLY RUGGED CONVERTIBLE TOUGHBOOK

Featuring a revolutionary LCD screen that transforms from a high-performance notebook to a fully portable tablet PC, the CF-19 incorporates transflective display technology for perfect visibility even in direct sunlight (up to 6,500cd/m2 reflective brightness, depending on light conditions). The LCD is protected by a durable, scratch-resistant magnesium alloy case, mounted to the base cabinet with a reinforced 180 degree rotatable hinge. Data is secured on the hard disk drive - enclosed in a shock-absorbing damper that sits inside an aluminium case. A double waterproof structure ensures a tight, durable seal that exceeds IP65 water and dust-proofing standards and a special HDD-heater counters any adverse temperatures making it ideal for working in the most challenging environments and mission critical situations.

- Intel® Core™ i5-3610ME vPro™ Processor
- 10.1-inch XGA (1024 x 768) sunlight-viewable LED Display
- 5-finger resistive multi touch screen with digitiser
- TransflectivePlus and Panasonic CircuLumin™ technology - up to 6500cd/m² reflective brightness (500cd/m² transmissive brightness)
- IP65 dust and water resistant*
- Withstands drops from a height of 180cm*
- Robust magnesium alloy casing with handstrap
- Shock-protected HDD
- Battery life up to 10 hours (mobile mark 2007)
- LAN, Firewire, PC Card slot, Express card slot, SDXC card slot, USB 3.0 x1, USB 2.0 x2, serial port, and VGA
- Optional integrated 4G/LTE
- Optional dedicated GPS
- Optional Fingerprint Reader
- Built-in security chip (TPM v1.2) for data protection

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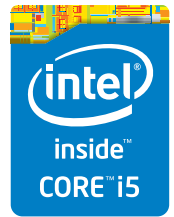
TOUGHBOOK

Panasonic

Panasonic recommends Windows 8.1 Pro

TOUGHPAD **CF-19**MK8
FULLY RUGGED CONVERTIBLE TOUGHBOOK

With unrivalled durability and world class heritage, the CF-19 is one of the most dynamic and veratile convertible tablet PCs in the field. The rugged ratings for Fully Rugged Toughbook will change the way you view mobile PCs. Drop, shock, moisture, dust, temperature, pressure and vibration resistant technology has been incorporated to exceed MIL-STD-810G and IP65 standards. With world leading wireless connectivity, the CF-19 is perfect for mobile field workers where failure is not an option.

Mobile Computing Platform	Intel® Core™ i5-3610ME vPro™ Processor 2.7GHz with Intel® Turbo Boost up to 3.3GHz, 3MB Cache	
Operating System	Windows 8.1 Pro 64-bit*	
RAM	4GB DDR3L SDRAM (max 4GB + 4GB)	
Web Camera (optional)*	3MP, 720p video support	
Storage	500 GB SATA HDD, 5400rpm	
Display	10.1" XGA 1024 x 768 Transflective Display	
	Up to 6500cd/m² brightness	
Bluetooth®	Version 4.0 + EDR Class 1	
WLAN	IEEE WiFi 802.11 a/b/g/n (Intel Centrino Advanced N 6235AN)	
4G/LTE Mobile Broadband (optional)**	Optional Sierra Wireless EM7305	
Sound	Built-in Mono Speaker	
Interface Standard	LAN (RJ45 1000M/100M/10Mbps)	USB 3.0: x1, USB 2.0 x1
	Firewire (IEEE 1394)	Serial (RS-232)
	PC Card Slot	VGA
	Express Card Slot	Headphone Output
	SDXC Memory Card Slot	Microphone Input
	Docking connector (dedicated 100-pin)	
Interface Options*	Rear Camera (cannot be used with RAM upgrade)	
	GPS (CF-WGP193)	
	Fingerprint Reader (CF-WFP193)	
	Emissive Backlit Keyboard (CF-WKB1938M)	
	Rubber Backlit Keyboard (CF-WKB1918M)	
Power	Standard Battery: Li-Ion 10.65V, 5700Ah (typical) - CF-VZSU48U	
	Operating Time: Up to 10 hours (touchscreen), 9.5 hours (dual touch)	
	Charging Time: 3.5 hours	
Security Features	TPM (Trusted Platform Module, TCG V1.2 compliant), Integrated Kensington cable security lock slot, Optional SmartCard reader, Optional Finger Print reader	
Physical Dimensions	271mm (W) x 216mm (H) x 49mm (D)	
Weight	Approx 2.3kg	
Operating Temperature	-10° - 50° C	
Accessories	AC Adapter: CF-AA6503AM	10.1" Screen Protective Film: CF-VPF11U
	MIL-Spec AC Adapter: CF-AA5713AM	Digitiser Stylus: CF-VNP012U
	Standard 6 cell Battery: CF-VZSU48U	Touchscreen Stylus: CF-VNP003U
	Battery Charger: CF-VCBTB2W	Tether: CF-VNT002U
	Desktop Port Replicator: CF-VEB181AU or CF-VEB191AU	RAM (Trustin 4GB DDR3L): CF-WMBA1304G
Ruggedness	IP65 dust and water resistant***	
	Gravity drop resistance test: 180cm***	
	Shock mounted HDD with floating connectors	
	Magnesium Alloy Chassis	
	MIL-STD-810G certified (180cm drop, shock, vibration, rain, dust, sand, altitude, freeze/thaw, high/low temperature, temperature shock, humidity)***	
	MIL-STD-461F certified***	

*Windows 7 Drivers available
**Option combinations are varied. Please consult with your local rep for further info.
***Tested by national independent third party lab following MIL-STD-810G Method 516.6 Procedure IV for transit drop test and IEC 60529 Sections 13.4, 13.6.2, 14.2.5 and 14.3 for IP65.
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Dealer Details:

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www.toughbook.com.au

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