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TOUGHBOOK CF-31 PERFORMANCE MODEL.

THE FULLY RUGGED, FULL-SIZE NOTEBOOK WITH ADVANCED GRAPHIC CAPABILITIES.

Specifically designed for field-based professionals who work in challenging environments and need advanced graphic performance, the new fully rugged Toughbook CF-31 Performance-Level Model offers the ultimate combination of graphics delivery and supreme ruggedness. Whether working in adverse weather, wet conditions, underground or where space restrictions would usually hamper productivity, the CF-31 ensures that mobile workers perform to their optimum and can access critical visual data and drawings, at all times.

- Intel® Core™ i5-2540M (2.6GHz) with discreet switchable graphics
- Genuine Windows® 7 Professional
- 13.1" high brightness outdoor display with circular polarizer
- Certified by MIL-STD 810G* and IP65*
- Backwards compatible with CF-30 docking stations and carmounters**
- High flexibility and connectivity through new configurations such as second LAN, camera, 3G or GPS

* Tested by an independent third-party lab following IEC 60529, sections 13.4, 13.6.2, 14.2.5, 14.3

** Limited functionality



TOUGHBOOK When it's worth doing better.

www.toughbook.eu



MOBILE BUSINESS EXCELLENCE

FOR FIELD PROFESSIONALS LOOKING FOR ADDITIONAL GRAPHIC POWER.

The CF-31's high performance is provided by the 2nd generation Intel Core™ i5 processor architecture, allowing users to exploit job-specific, cutting-edge software. A 1.200cd/m², 13.1" LED backlit display (4:3) with circular polarizer also means the CF-31 can be viewed in direct sunlight.



Mobile Computing Platform	- Intel Core™ i5-2540M vPro™ processor (2.6GHz, 3MB Intel Smart Cache) - Intel 6 series Express chipset QM67 - Intel CentrinoAdvanced-N 6205 AGN WLAN	
Operating System	Genuine Windows Professional	
RAM	4GB DDR3 SDRAM (max. 8GB)	
Graphic Chip	AMD Radeon™ HD 6750M, 512MB dedicated RAM	
Storage	320GB HDD (SATA)	
LCD	13.1" sunlight-viewable XGA Active Matrix (TFT) colour LCD (up to 1.200cd/m ²) with circular polarizer; concealed mode	
Cabinet	Full magnesium alloy with integrated carrying handle	
Bluetooth™	Version 2.1 + EDR Class 1	
WLAN	IEEE 802.11 a/b/g/n compliant; slide on/off switch	
LAN	IEEE 802.3 10 Base-T, IEEE 802.3u 100 Base-TX, IEEE 802.3ab 1000 Base-T (2nd LAN Project based)	
Modem (optional)	Data: 56 kbps (V.92) FAX: 14.4 kbps	
Audio	WAVE and MIDI playback, Intel High Definition Audio subsystem support	
Input Devices	Resistive Touchscreen, Touchpad and Keyboard with 88 keys	
Interfaces	Serial (16550A compatible)	D-sub, 9-pin
	External display (VGA port)	Mini D-sub, 15-pin
	HDMI	x1
	Headphone	Mini-jack, 3.5 DIA
	Microphone	Mini-jack, 3.5 DIA, stereo
	DC-In	Jack
	USB 2.0	x4, 4-pin
	Modem (optional, project based)	RJ-11
	LAN (2nd LAN optional, project based)	RJ-45
	Firewire (IEEE1394a, optional, project based)	x1, 4-pin
	External Antenna	x1, Dedicated 50 ohms coaxial connector
	Port Replicator	80-pin
Expansion Slots	PC Card	x1 Type I or Type II, Allowable current 3.3V, 400mA, 5V: 400mA
	Express Card	x1, Express Card/34 or Express Card/54
	SD/SDXC Memory Card	x1
	Optional RAM Module	x1, DDR3 SDRAM, 204 Pins SO-DIMM, 1.5V, SO-DIMM, PC3-10600 Compliant
Power	AC Adapter	Input: 100 ~ 240V AC, 50Hz/60Hz; Output: 15.6V DC, 7.05A
	Battery	Li-ion (10.65V, Typical 8550 mAh / Minimum 8100mAh)
	Battery Life	Approx. 12.5h (Windows 7, Mobile Mark™ 2007, LCD brightness: 60cd/m ²)
Power Management	Standby function, Hibernation function, ACPI BIOS	
Security Features	TPM (Trusted Platform Module, TCG V1.2 compliant), Integrated hardware security lock slot, Password security (supervisor password, user password, HDD lock)	
Dimensions (W x H x D)	302mm x 73.5mm x 292mm, 11.9" x 2.9" x 11.5" (excluding protrusions)	
Weight	Approx. 3,72kg (Approx. 8,2lb.)	
Integrated Options	GPS, Fingerprint Reader, Smart Card Reader, 3G Mobile Broadband (HSPA+, up to 21Mbps)	
Testing Standards	Water resistance test	IEC529 (JIS C0920) IP-X5*, MIL-STD 810G 506.5- I & III*
	Dust resistance test	IEC529 (JIS C0920) IP-6X*, MIL-STD 810G 510.5- I & II*
	Gravity drop resistance test	MIL-STD 810G 516.6 IV* (180cm drop)
	Vibration resistance test	MIL-STD 810G 514.6- I & II*
Accessories	Desktop Port Replicator	CF-VEB311U
	Car Mounter Kit	CF-WEB301
	AC Adapter	CF-AA5713A
	Battery	CF-VZSU46AU
	DVD Multi Drive (Multimedia Bay)	CF-VDM311U
	Stylus Pen	CF-VNP009U
	Display Protection Film	CF-VPF15U



Where to buy:

UnatSolar (NCAGE: R5766)
+45 7020 8628, info@unatsolar.eu
www.unatsolar.eu