

Panasonic recommends Windows Vista® Business



Core™ 2 Duo
inside™



THE SEMI RUGGEDISED NOTEBOOK WITH CARRY HANDLE. TOUGHBOOK CF-74

Intel® Centrino® Duo Processor Technology with
Intel® Core™ 2 Duo Processor

Genuine Windows® XP Professional or
Genuine Windows Vista® Business

13.3" high-brightness Active-Matrix (TFT) colour
LCD (up to 540cd)

Splash resistant keyboard and touchpad



Full magnesium alloy case with carry handle

Vibration resistant and shock dampened HDD

Integrated DVD Multi Drive

Bluetooth® and Wireless LAN integrated

Long lasting battery life of up to 8 hours

TOUGHBOOK®

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Information at www.toughbook.eu

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The new CF-74 incorporates the latest Intel® Centrino® Duo Processor Technology, which offers enhanced WLAN communication and improved power efficient performance. With a new high-capacity Lithion-Ion battery the operation time has increased making the CF-74 capable of working for up to 8 hours without recharging.

Constructed using tough, scratch resistant magnesium alloy casing, the CF-74 has a vibration dampened LCD panel and the HDD can withstand a drop from up to 90cm protecting your data from being lost. The splash resistant keyboard and touchpad helps to stop water or any other liquid from entering the casing and causing internal damage, while rubber port covers protect all sensitive external connections.

The versatile DVD Multi Drive and large outdoor-readable LCD let you work seamlessly in any location and make it perfect for delivering high-impact multimedia presentations. In addition, the built-in stereo speakers provide presentation quality sound over a wide frequency range.

The Mini Port Replicator, available separately, offers a convenient connection for peripheral equipment.

Mobile Computing Platform	Intel® Centrino® Duo Processor Technology – Intel® Core™ 2 Duo Processor T7300 (2.0 GHz, 4MB L2 cache, 800MHz FSB) – Mobile Intel® GM965 Express Chipset with ICH8M – Intel® Wireless WiFi link 4965 AGN (802.11 a/b/g)	
OS	Genuine Windows® XP Professional or Genuine Windows Vista® Business	
RAM	1GB DDR2-667 SDRAM (expandable to 2GB + 2GB on project basis)	
Graphic Chip	Intel® GM965 graphics controller; UMA (Windows® XP: max. 384MB; Windows Vista®: max. 251MB)	
HDD	80GB (shock resistant; withstands a 90cm drop)	
Optical Drive	DVD Multi Drive	
LCD	13.3" anti-glare, high-brightness Active Matrix (TFT) colour LCD (up to 540cd) 1024 x 768 pixel (XGA), 16 million colours	
LCD Cabinet	Magnesium alloy	
Bluetooth®	Version 2.0 + EDR	
WLAN	IEEE 802.11a/b/g (max. 54Mbps)	
LAN	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T	
Modem	Data: 56kbps (V.92) FAX: 14.4kbps	
Sound	Analog Devices AD1884 (conforms to Intel® High Definition Audio) Integrated stereo speakers	
Input Devices	Touchpad and keyboard (both splash resistant)	
Indicators	8 LEDs (Power, Battery, HDD, MP, SD, Caps Lock, Scroll Lock, Num Lock)	
Interfaces	Serial (16550A compatible):	Dsub, 9-pin
	External display (VGA port):	Mini Dsub, 15-pin
	Headphone:	Mini-jack, 3.5 DIA, stereo
	Microphone:	Mini-jack, 3.5 DIA, stereo
	DC In:	Jack
	USB 2.0:	2x 4-pin
	Modem:	RJ-11
	LAN:	RJ-45
	Mini Port Replicator:	Dedicated 65-pin
Expansion Slots	PC Card:	1x Type I or Type II (3.3 V: 400mA, 5 V: 400mA)
	ExpressCard:	1x ExpressCard/34 or ExpressCard/54
	SD Memory Card:	1x (Data transfer rate = 8MB per second)
	Optional RAM Module:	200-pin, 1.8 V, SO-DIMM, DDR2 SDRAM, PC2-5300 Compliant
Power	AC Adapter:	Input: 100 V ~ 240 V, 50 Hz/60 Hz; Output: 15.6 V, 8.0 A
	Battery:	Li-Ion (11.1V, 7.8Ah)
	Battery life:	Approx. 8 hours (MobileMark™ 2005 – 60cd)
	Charging time:	Approx. 4.5 (Power on)
Power Management	Standby function, Hibernation function, ACPI BIOS	
Software	Microsoft® Windows® Media Player 10, Adobe® Reader, Intel® PROSet/Wireless Software, Wireless Switch Utility, SD Utility, DMI Viewer, WINDVD™ 5 (OEM version), B's Recorder GOLD 8 BASIC, B's CLIP 6, Bluetooth® Stack for Windows by Toshiba, Infineon TPM Professional Package, Intel® Matrix Storage Manager, Battery Recalibration, LAN Power-Saving Utility, PC Information Viewer, Setup-Utility, PC-Diagnostic Utility, Hard Disk Data Erase Utility	
Security Features	TPM (Trusted Platform Module – TCG V1.2 compliant) Password security (supervisor password, user password, hard disk lock) Integrated hardware security lock slot	
Dimensions (WxHxD)	303.5 x 43.6-60.1* x 293.3mm / 12.0 x 1.7-2.4* x 11.6" (including carry handle; * front/back)	
Weight	2.7kg / 6.0lb (including carry handle and battery)	
Integrated Options	Fingerprint Reader, Smart Card Reader	
Accessories	512MB RAM module:	CF-WMBA6512
	1GB RAM module:	CF-WMBA601G
	AC Adapter:	CF-AA1683A
	Battery Pack:	CF-VZSU43AU
	External FDD (USB):	CF-VFUD03U
	Mini Port Replicator:	CF-VEBU06W (4x USB 2.0, 1x VGA, 1x LAN, 1x DC-In)

Specification and configuration may vary depending on country. Accessories may vary depending on your notebook configuration. Consult a Panasonic sales office near you for more details and availability of integrated options.

As an ENERGY STAR® Partner, Matsushita Electric Industrial Co., Ltd. has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. Active Matrix colour display conforms to industry standards. Some displays may contain isolated illuminated or dark pixels as an artefact of the manufacturing process (effective pixels: minimum 99.998%). RAM capacity calculated as follows: 1MB = 1,048,576 bytes. HDD capacity calculated as follows: 1GB = 1,000,000,000 bytes. Panasonic and Toughbook are brand names and registered trademarks of Matsushita Electric Industrial Co., Ltd. Acrobat® is a registered trademark of Adobe® Systems Incorporated. Intel, Intel Inside, the Intel Inside logo, Core, Intel Centrino, and the Intel Centrino logo are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Microsoft® and Windows® are registered trademarks of Microsoft® Corporation of the United States and/or other countries. All other brand names shown are the registered trademarks of the relevant companies. All rights reserved.

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