

Panasonic recommends Windows® XP Professional



## THE ULTRA LIGHT NOTEBOOK WITH THE UNIQUE OPEN MULTI DRIVE® TOUGHBOOK CF-W5

Based on Intel® Centrino® Mobile Technology

OS: Genuine Windows® XP Professional

Shock absorbing 12.1" LCD magnesium alloyed casing (withstands pressure of up to 100kgf)

Integrated Multi Drive (DVD-R/RW and CD-R/RW)

Quiet fanless design



Optional available with integrated UMTS/HSDPA module

Compact, light design that weighs only 1240g

Huge battery life of up to 11 hours

Drop resistant from a height of 30cm

**TOUGHBOOK®**

Information at [www.toughbook.eu](http://www.toughbook.eu)

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Within the CF-W5 stylish design it has an integrated DVD Multi Drive (DVD-R/RW and CD-R/RW) with unique open top design and weighs only an astonishingly 1240g. Despite its low weight the CF-W5 is extremely robust – due to the special design of the magnesium casing: it withstands a load of up to 100kgf and protects the 12.1 inch large bright screen, which has anti-glare properties that provide a clear contrasting picture.

Thanks to the shock-resistant hard-disk the CF-W5 can also endure more forceful, unavoidable falls or drops without problems, when out on the road or in the office. The CF-W5 survives drops from 30cm with ease. This makes it the ideal companion for sales representatives, business travellers and frequent flyers, who will save in the amount and weight of luggage they carry but can't do without reliable laptop protection. The optional integration of UMTS/HSDPA also allows you constant accessibility – almost everywhere.

Thanks to integrated Intel® Centrino® Mobile Technology the slim notebook guarantees you wireless access to data and information at thousands of WLAN hotspots worldwide. In addition the CF-W5 offers you many other advantages: the fanless design allows you to work in silence; the high-performance lithium-ion battery and carefully selected components allow an operation time of up to 11 hours – enough to accompany you throughout a whole working day.



Mobile Computing Platform	Intel® Centrino® Mobile Technology	
	– Intel® Core™ Solo Processor ULV U1400 (1.2GHz, 2MB L2 cache, 533MHz FSB)	
	– Intel® 945GMS Express Chipset	
	– Intel® PRO/Wireless 3945ABG network connection, supporting IEEE 802.11a/b/g (max. 54Mbps)	
OS	Genuine Windows® XP Professional (Service Pack 2 with Advanced Security Technologies)	
RAM	512MB DDR2-533 SDRAM (expandable to 1536MB)	
Graphic Chip	Intel® 945GMS graphic controller, UMA (unified memory architecture) up to 128MB	
HDD	60 GB (shockresistant and easy accessible)	
Optical Disc Drive	DVD Multi Drive (DVD-R/RW & CD-R/RW)	
LCD	12.1" anti-glare Active Matrix (TFT) colour LCD (flexible mounted)	
	1024x768 pixel (XGA), 16 million colours	
LCD Cabinet	Magnesium alloy	
WLAN	IEEE 802.11a/b/g (max. 54Mbps); slide on/off switch	
LAN	IEEE 802.3 10 Base-T / IEEE 802.3u 100 Base-TX	
Modem	Data: 56 kbps (V.92) FAX: 14.4 kbps	
Sound	SigmaTel™ STAC9200 (AC-97 V.2.1 compliant), supporting Intel® High Definition Audio Subsystem	
	WAVE and MIDI playback, software control of sound volume (FN + F5/F6 keys)	
	Monaural speaker	
Input Devices	Touchpad and Keyboard (84-key with dedicated Windows® key)	
Indicators	9 LEDs (Power, ECO, Battery, HDD, Caps Lock, Scroll Lock, Num Lock, SD card, Disc)	
Interfaces	External display (VGA port):	Mini Dsub, 15-pin
	Headphone:	Mini-jack, 3.5 DIA, stereo
	Microphone:	Mini-jack, 3.5 DIA, mono
	DC In:	Jack
	USB 2.0:	2x 4-pin
	Modem:	RJ-11
	LAN:	RJ-45
	Mini Port Replicator:	50-pin
	PC Card:	1x Type II (3.3 V: 400 mA, 5 V: 400 mA)
	SD Memory Card:	1x (Data transfer rate = 8MB per second)
Expansion Slots	Optional RAM Module:	1x MicroDIMM (172-pin, 1.8V, DDR2 SDRAM, PC2-4200 compliant)
	Battery:	Li-ion (10.65 V, 5.7 Ah)
	Battery life:	Approx. 5.5 - 11 hours (Battery Mark 4.01 - max./min. brightness)
Power	Charging time:	Power off: approx. 5 h; Power on: approx. 6.5 h
	Standby function, Hibernation function, ACPI BIOS	
Power Management	Standby function, Hibernation function, ACPI BIOS	
AC Adaptor	Input: 100-240 V AC, 50 Hz/60 Hz; Output: 16 V DC, 2.5 A	
Software	Microsoft® Internet Explorer 6 Service Pack 2, DirectX 9.0 c, Windows® Media Player 10, Windows® Movie Maker 2.1, Adobe® Reader, Microsoft® .NET Framework 1.1 SP1/2.0/, Intel® PRO/Wireless Software, Wireless Switch Utility, WINDDDVD™ 5 (OEM version), B's Recorder GOLD 8 BASIC, B's CLIP 6, DMI Viewer, PC Information Viewer, Touchpad Utility, SD Utility, Infineon TPM Professional Package V2.5, Recover Pro 6, Hard Disk Data Erase Utility, Setup Utility, PC-Diagnostic 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) 268mm x 24.9mm/46.2mm* x 210.4mm / 10.6" x 1.0"/1.8"* x 8.3" (excluding protrusions; *front/back)	
	Weight 1240g/2.7lb (including battery)	
Accessories	512MB RAM module:	CF-BAW0512U
	AC adaptor:	CF-AA1623AE, CF-AA1623AG, CF-AA1623AT
	Battery pack:	CF-VZSU47U
	External FDD (USB):	CF-VFDU03U
	Mini Port Replicator:	CF-VEBU05AU (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.

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Panasonic Marketing Europe GmbH, Panasonic Computer Products Europe Headquarters, Hagenauer Straße 43, 65203 Wiesbaden (Germany).

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