

Panasonic recommends Microsoft® Windows® XP Tablet PC Edition



Toughbook CF-18

The rugged notebook PC that converts to a tablet

- Based on Intel® Centrino™ Mobile Technology
- Operating System: Microsoft® Windows® XP Professional or Microsoft® Windows® XP Tablet PC Edition 2005
- Vibration and shock resistant (MIL-STD 810F)
- Water and dust resistant (IP54, MIL-STD 810F)
- Highly mobile weighing just 2.1kg
- Daylight-readable 10.4" touchscreen LCD
- Outstanding battery life of up to 8.5 hours
- Bluetooth® and Wireless LAN integrated
- Integrated options: GSM/GPRS/EDGE, GPS and SmartCard



TOUGHBOOK®
Computers for the Outside World™

Panasonic
ideas for life

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Featuring a revolutionary LCD screen that transforms from a high-performance notebook to a fully portable touchscreen tablet PC, the CF-18 is reliable, durable and extremely lightweight, just 2.1kg. It has an extremely robust and dust-proof two-dimensional hinge; its hard disk drive is enclosed in a newly developed damper that sits inside an aluminium case – providing outstanding shock absorption according to strict military vibration and gravity drop resistance standards. A double waterproof structure around the interior of display cabinet and casing joints also ensure a tight durable seal that complies with IP54 water and dust-proofing standards for a reliable operation, even in extreme conditions.

The Intel® Centrino™ Mobile Technology allows for greater flexibility and guarantees optimal WLAN reception with two integrated antennas located in the top of the display unit. In conjunction with the CF-18's durable battery a running time of up to 8.5 hours can be achieved. The CF-18 can be offered preloaded with Microsoft Windows XP Professional or Microsoft Windows XP Tablet PC Edition which adds new features and functionality of pen based computing to your PC.

	Mobile Computing Platform	Intel® Centrino™ Mobile Technology		
		- Intel® Pentium® M Processor Ultra Low Voltage 753 (1.2GHz) - Chipset Intel® 915GMS - Intel® Pro/Wireless network connection, supporting IEEE 802.11a/b/g (max. 54Mbps)		
	OS	Microsoft® Windows® XP Professional Service Pack 2 with Advanced Security Technologies or Microsoft® Windows® XP Tablet PC Edition 2005		
	L2 Cache	2MB on-die		
	RAM	512MB DDR 2-SDRAM (expandable to 1536MB)		
	Graphic Chip	Intel® 915GMS graphic controller, UMA (unified memory architecture) up to 128MB		
	HDD	60GB		
	LCD	10.4" anti-reflective, daylight-readable Active Matrix (TFT) colour LCD Touchscreen version with Windows XP Professional – Digitizer version with Windows XP Tablet PC Edition 1024x768 pixels (XGA), 16 million colours, approx. 500 cd		
	LCD Cabinet	Full magnesium alloy		
	Bluetooth®	Integrated (version 1.2)		
	LAN	Internal 100 BASE-TX/10 BASE-T		
	Modem	Internal 56Kbps, V.92 compliant, 14.4Kbps Fax class		
	Sound	SigmaTel™ STAC9751TGCC1 AC-97 v.2.2 compliant audio codec WAVE and MIDI playback, software control of sound volume (FN + F5/F6 keys)		
	Speaker	Integrated speaker		
	Keyboard	82 keys for US (AT101 keyboard compatible) 83 keys for Europe (AT102 keyboard compatible)		
	Pointing Devices	Touchpad and touchscreen or digitizer		
	Indicators	6 LEDs (Power, battery, HDD, NumLK, CapsLK, ScrLK)		
	Interfaces	Serial (16550A compatible):	D-sub 9-pin (only available with Microsoft® Windows® XP Professional model)	
		External display (VGA port):	D-sub 15-pin	
		Headphone:	Mini-jack (stereo)	
		Microphone:	Mini-jack (mono)	
		DC In:	Jack	
		USB 2.0:	2x 4-pin	
		Modem:	RJ11 jack	
		LAN:	RJ45 jack	
		Port replicator:	100-pin	
	Expansion Slots	PC card slot:	2x type II (PCMCIA)	
		SD card slot:	1x	
		Optional RAM module:	1x SO-DIMM	
	Power	Battery:	Li-ion (7.4V, 7.65Ah)	
Battery life:		Approx. 8.5 hours (varies depending on conditions)		
Charging time:		Approx. 4 hours/off, 7 hours/on (varies depending on conditions)		
Power Management	Standby function, hibernation function, ACPI BIOS			
AC Adapter	AC 100V ~ 240V, 50/60Hz, auto sensing/switching, DC 16V, 2.5A			
Software	Adobe® Reader, setup utility, DMI viewer, online reference manual, software keyboard* and Panasonic Hand Writing*, display rotation tool, PC Information Viewer, Hard Disk Backup Utility, Hard Disk Data Erase Utility, Icon Enlarger, Loupe Utility, Hotkey Setting, Intel® PROSet/Wireless Software, SD Utility, Battery Recalibration, Tablet Button Settings*, Bluetooth® Switch (* Windows XP Professional model)			
Security Feature	Password security (supervisor password, user password, hard disk lock) Integrated Kensington lock slot			
Dimensions (WxHxD)	271mm x 49mm x 216mm / 10.3" x 1.93" x 8.5" (excluding protrusions)			
Weight	2.1kg / 4.7lb			
Integrated Options	GSM/GPRS/EDGE, GPS, SmartCard reader			
Accessories	512MB RAM module:	CF-WMBA5512		
	1GB RAM module:	CF-WMBA501G		
	Battery pack:	CF-VZSU30BU		
	Battery charger:	CF-VCBTB1U		
	Car-Mount:	CF-WEB182		
	Port-Replicator:	CF-VEB181U		
	Combo-Drive (USB):	CF-VDRRT3W		
	AC adapter:	CF-AA1623A		
	Testing Standards	Water resistance test:	IEC529 (JIS C0920) IPX4, MIL-STD 810F 506.4-III	
		Dust resistance test:	IEC529 (JIS C0920) IP5X, MIL-STD 810F 510.4-Level	
	Gravity drop resistance test:	MIL-STD 810F 516.5 (90cm drop)		
	Vibration resistance test:	MIL-STD 810F 514.5 category 24		
	EMI test:	MIL-STD 461E		

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

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