

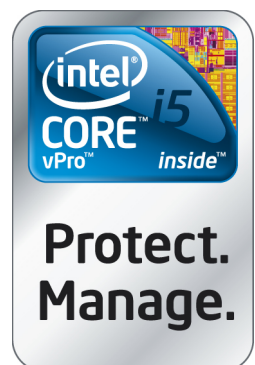
Windows®. Life without Walls™.  
Panasonic recommends Windows 7.

**Panasonic**  
ideas for life



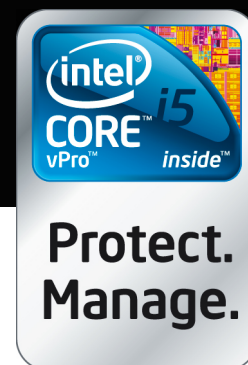
**CF-F9.**  
THE BUSINESS-RUGGEDISED TOUGHBOOK. FOR  
ULTIMATE MOBILITY.

- Intel® Core™ i5-520M vPro™ processor
- Genuine Windows® 7 Professional
- 14.1" Widescreen LCD (WXGA+)
- 2GB RAM and 320GB HDD
- Integrated DVD Super Multi Drive
- Perfect Wireless Connectivity  
(optional: UMTS/HSPA with Gobi 2000-Chip)
- Magnesium Alloy Case
- Drop- and Spill-resistant
- Long-lasting 7-hour Battery Life
- Ultra-portable 1620g (Standard Model)



**TOUGHBOOK** When it's worth doing better.

# MOBILE BUSINESS EXCELLENCE



## 14.1" WIDESCREEN LCD AND OPTICAL DISC DRIVE. THE BUSINESS-RUGGEDISED TOUGHBOOK CF-F9.

For professional users who require optimum mobility, reliability and connectivity.



Mobile Computing Platform	- Intel® Core™ i5-520M vPro™ processor (2.40 Ghz with Turbo Boost up to 2.93GHz, Intel® Smart Cache 3 MB) Platform - Mobile Intel® QM57 Express Chipset - Intel® Centrino® Advanced-N 6200 AGN WLAN	
Operating System	Genuine Windows® 7 Professional	
RAM	2 GB, DDR3 SDRAM (4 GB Max.)	
Graphic Chip	Intel® HD Media, UMA (Windows 7 max. 763MB)	
Storage	320GB (SATA, shock resistant and easy accessible)	
Optical Disc Drive	DVD Super Multi Drive	
LCD	14.1" anti-glare Active Matrix (TFT) colour LCD (flexibly mounted) 1440 x 900 pixel (WXGA+), 16 million colours	
LCD Cabinet	Magnesium alloy (designed to withstand a uniformly distributed load of up to 100kgf on the lid)	
Bluetooth™	Version 2.1 class 1 + EDR; slide on/off switch	
WLAN	Intel® Centrino® Advanced-N 6200 (IEEE802.11a/b/g/n); slide on/off switch	
LAN	1000BASE-T / 100BASE-TX / 10BASE-T	
Modem	Data: 56 kbps V.92; FAX: 14.4 kbps / voice not compatible	
Audio	24bit stereo, conforms to Intel® High Definition AudioStereo speakers	
Input Devices	Touchpad and keyboard (both water resistant - 200ml)	
Indicators	9 LEDs (Power, ECO, Battery, HDD, Caps Lock, Scroll Lock, Num Lock, SD card, Disc)	
Interfaces	External display (VGA port)	Mini D-sub, 15-pin
	Headphone	Mini-jack, 3.5 DIA, stereo
	Microphone	Mini-jack, 3.5 DIA, stereo
	DC In	Jack
	USB 2.0	3x 4-pin
	Modem	RJ-11
	LAN	RJ-45
	Mini Port Replicator	78-pin
Expansion Slots	PC Card	1x Type II (3.3V: 400mA, 5V: 400mA)
	SD/SDHC Memory Card	1x
	RAM Module	1x DDR3 204 Pins SO-DIMM (1.5 V/PC3-6400/DDR3 SDRAM)
Power	Power Consumption	Approx. 80 W / approx. 35W (maximum when no-recharging in the ON state)
	AC Adaptor	Input: 100-240V AC, 50Hz/60Hz; Output: 16V DC, 5.0A
	Battery	Li-ion 10.8 V, 5.8 Ah (typ.)/5.4 Ah (min.)
	Battery life	Approx. 7h (Standard Model, Mobile Mark™ 2007, 60cd/m², Windows® 7 Model, Economy Mode [ECO] disabled)
	Charging time	Power off: approx. 3.5h; power on: approx. 5h
Power Management	Suspend/Resume Function, Hibernation, Standby, ACPI BIOS, Economy mode	
Software	Microsoft® Internet Explorer 8.0, DirectX 11, Microsoft® Windows® Media Player 12, Microsoft® Windows® Movie Maker 6.0, Microsoft® .NET Framework 3.5.1, Adobe Reader, Loupe Utility, Touch Pad Utility, PC Information Viewer, PC Information Popup, WinDVD™ 8 (OEM Version), Roxio Creator LJB, Hotkey Settings, Optical Disc Drive Letter-Setting Utility, Power Plan Extension Utility, Wireless Switch Utility, Wireless Connection Disable Utility, Bluetooth Stack for Windows by TOSHIBA, Battery Recalibration Utility, Wireless Software, Infineon TPM Professional Package V3.6, Intel® Rapid Storage Technology	
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)	326mm x 25.5/48.5mm* x 251mm {12.8" x 1.0/1.9"* x 9.9"} (excluding protrusions; *front/back)	
Weight	1620g / 3.57lb (standard model including battery)	
Intergrated Options	3G Mobile Broadband (HSPA, 7.2Mbps)	
Accessories	AC adaptor	CF-AA6503AE, CF-AA6503AG, CF-AA6503AT
	Battery pack	CF-VZSU56U
	Port Replicator	CF-VEBU08U (4x USB 2.0, 1x display port, 1x LAN, 1x DC-In)
	Desktop Port Replicator	CF-VEBF81W (4x USB 2.0, 1x display port, 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. All specifications are subject to change without notice. As an ENERGY STAR® Partner, Panasonic Corporation 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 Panasonic Corporation. Acrobat® is a registered trademark of Adobe® Systems Incorporated. Intel, the Intel logo, Intel Core, Intel vPro, Core Inside and vPro Inside are trademarks of Intel Corporation in the U.S. 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. All working conditions, times and figures quoted are optimum or ideal levels and may differ as a result of individual and local circumstances. Panasonic Marketing Europe GmbH, Panasonic Computer Products Europe Headquarters, Hagenauer Straße 43, 65203 Wiesbaden (Germany).