Panasonic
ideas for life

Panasonic recommends Windows® 7.

TOUGHBOOK F9

- Widescreen LCD with DVD Multi Drive

- 3.6 lbs. Lightweight Design

- Magnesium Alloy Case with Handle

- Drop and Spill-resistant

- Circular Scrolling

- 3G Mobile Broadband-ready Design

The world's lightest 14" laptop.

No matter where your work takes you or how you get there, you need a dependable laptop that can keep up and keep you online. Panasonic's business-rugged Toughbook® F9 sports an integrated handle for ultra-portability, and offers optional 3G Gobi™2000 mobile broadband so you can connect anywhere a cell phone can, anywhere on the planet. And with its strong magnesium alloy case and chassis, shock-mounted flex-connect hard drive and LCD, and spill-resistant design, you can rest assured that no matter where you go, your Toughbook F9 will work right alongside you.

Panasonic

TOUGHBOOK

1.800.662.3537
panasonic.com/toughbook/F9

TOUGHBOOK®

SOLUTIONS FOR BUSINESS

intel® **CORE** vPro inside

Protect. Manage.

SOFTWARE
- Genuine Windows® 7 Professional[1]
- Panasonic Utilities, Recovery DVD

CPU
- Intel® Core™ i5-560M vPro™ Processor
  - 2.66GHz with Turbo Boost up to 3.2GHz
  - Intel® Smart Cache 3MB

STORAGE & MEMORY
- 4GB SDRAM (DDR3-800MHz) standard, expandable to 6GB[2,3]
- 320GB hard drive (shock-mounted, flex-connect and removable)[3,4]
- DVD Super Multi Drive

DISPLAY
- 14.1" widescreen WXGA+ LED 1440 x 900
- Anti-glare screen treatment
- Intel® QM57 video controller, max. 1563MB shared VRAM with 32-bit[5]
- External video support up to 1920 x 1200 at 16.7 million colors

AUDIO
- Intel® high-definition audio compliant
- Integrated stereo speakers
- Keyboard volume and mute controls

KEYBOARD & INPUT
- 87-key with dedicated Windows® key
- Electrostatic touchpad with circular scrolling

EXPANSION SLOTS
- PC card type II x 1 (not available with SmartCard reader)
- SD Card (SDHC)

INTERFACE
Docking connector	78-pin
VGA	D-sub 15-pin
Headphones/speaker	Mini-jack stereo
Microphone/line in	Mini-jack stereo
USB 2.0 (x 3)	4-pin
10/100/1000 Ethernet	RJ-45
56K Modem	RJ-11

WIRELESS
- Optional integrated 3G Gobi™2000 mobile broadband
- Intel® Centrino® Advanced-N 6200 802.11/a/b/g/n
- Bluetooth® v2.1 + EDR (Class 1)
- Security
  - Authentication: LEAP, WPA, 802.1x, EAP-TLS, EAP-FAST, PEAP
  - Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES
- Slide on/off switch

POWER SUPPLY
- Lithium ion battery pack (10.8V, typical 5800mAh, minimum 5400mAh)
- Battery operation: 6.5 hours[6]
- Battery charging time: 3.5 hours off, 5 hours on[6]
- AC Adapter: AC 100V-240V 50/60Hz, auto sensing/switching worldwide power supply

POWER MANAGEMENT
- Suspend/Resume Function, Hibernation, Standby, ACPI BIOS
- Economy mode

SECURITY FEATURES
- Password Security: Supervisor, User, Hard Disk Lock
- Cable lock slot
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent in BIOS[7]
- Intel® Anti-Theft Technology
- Optional fingerprint reader
- Optional SmartCard reader (eliminates PC card slot)

WARRANTY
- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT
- 9.9"(L) x 12.8"(W) x 1.0"/1.9"(H) front/rear
- 3.6 lbs.

INTEGRATED OPTIONS[8]
- 3G Gobi™2000 mobile broadband (EV-DO Rev. A, HSPA)
- SmartCard reader (eliminates PC card slot)
- Fingerprint reader

SELECT ACCESSORIES[8]
AC Adapter (3-prong)	CF-AA6503AM
Lithium Ion Battery Pack	CF-VZSU56U
LIND Car Adapter 120W	CF-LNDDC120
LIND Car Adapter 120W Mounting Bracket	CF-LNDBRK120
LIND Car/AC Adapter 90W (with USB port)	CF-LNDACDC90
LIND Car Adapter 80W	CF-LNDDC80
LIND Shutdown Timer	CF-LNDLPT
ToughMate ComUniversal Carrying Case (large capacity)	TBCCOMUNV-P
ToughMate Business-rugged Top-loading Case	TBCBRTL-P
ToughMate ComUniversal Roller	TBCRLR-P
ToughMate Backpack	TBCBPK-P
Memory Cards	
– 2GB DDR3	CF-WMBA1002G
– 4GB DDR3	CF-WMBA1004G
Mini Dock Box	CF-VEBU08U
Desktop Dock	CF-VEBF81W
DisplayPort to HDMI Adapter	TTDPHDMI

Please consult your reseller or Panasonic representative before purchasing.
[1]A full set of Windows XP drivers are available at panasonic.com/toughbook/support.
[2]Total usable memory will be less depending upon actual system configuration.
[3]1GB = 1,000,000,000 bytes.
[4]Hard drive removal should only be attempted by a technician with the proper equipment.
[5]The size of the VRAM cannot be set by the user and varies by operating system as well as size of RAM. Windows 7 64-bit max. VRAM is 1696MB with 4GB of memory.
[6]Battery performance features such as charge time and life span can vary according to the conditions under which the computer and battery are used. Battery operation and recharge times will vary based on many factors, including screen brightness, applications, features, power management, battery conditioning and other customer preferences. Battery testing results from MobileMark 2007.
[7]Requires software and activation to enable theft protection.
[8]Accessories and Integrated Options may vary depending on your notebook configuration. Visit Panasonic website for more accessories and details.

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