



Computers for the *Outside World*™

toughbook 50

Full-featured, Affordable Desktop Alternative

CPU

- Intel® Pentium® M Processor 1.5GHz:
 - Processor speed 1.5GHz
 - 1MB L2 cache
 - 400MHz FSB

STORAGE & MEMORY

- 256MB SDRAM standard, expandable to 1280MB
- 40GB HDD (shock-mounted and easily removable)
- 1.44MB FDD and Combo Drive (DVD-ROM*/CD-RW**) standard

DISPLAY

- 14.1" 1024x768 (XGA) TFT Active Matrix Color LCD
- ATI MOBILITY™ RADEON™ 9000, 64MB
- External video support up to 2048 x 1536 at 4 billion colors (32 bit color depth)

AUDIO

- SigmaTel™ ST9753T
- Integrated stereo speakers
- Convenient keyboard volume and mute controls

EXPANSION SLOT

- PC Card Type II x 2 or Type III x 1

KEYBOARD & INPUT

- 87-key with dedicated Windows® key
- Electrostatic touchpad with scrolling support

INTERFACE

- | | |
|---------------------------|--------------------------------------|
| • External Keyboard/Mouse | Mini-DIN 6 pin |
| • External Video | D-sub 15 pin |
| • Headphones/Speaker | Mini-jack Stereo |
| • Microphone/Line In | Mini-jack |
| • Parallel | D-sub 25 pin (bi-directional/ECP) |
| • Port Replicator | Dedicated 100 pin |
| • Serial | D-sub 9 pin (UART 16550A compatible) |
| • USB 2.0 (x2) | 4 pin |
| • 10/100 Ethernet | RJ-45 |
| • 56K Modem | RJ-11 |

WIRELESS LAN

- Intel® PRO/Wireless 2200BG network connection 802.11b+g

POWER SUPPLY

- Lithium Ion battery pack (11.1V, 6600mAh)
- Battery operation: up to 3.5 hours***
- Battery charging time: approximately 3.8 hours/off, 6 hours/on***
- AC Adapter: AC 100V-240V 50/60Hz, Auto Sensing/Switching worldwide power supply
- Pop-up on-screen battery status reporting

POWER MANAGEMENT

- Suspend/Resume Function, Hibernation, Standby, ACPI BIOS

SOFTWARE

- Microsoft® Windows® XP Professional
- Setup, Diagnostics, On-line Reference Manual, Adobe® Acrobat® Reader

SECURITY FEATURES

- Password Security: Supervisor, User, Hard-Disk Lock
- Kensington Lock Slot

WARRANTY

- 3-year limited warranty, parts & labor

DIMENSIONS & WEIGHT

- 1.85"(H) x 12.8"(W) x 10.9"(D)
- 7.7 lbs.



- Magnesium Alloy LCD Case
- Shock-mounted, Removable HDD
- Intel® Centrino™ Mobile Technology
- Three Integrated Drives

INTEGRATED OPTIONS****

- SmartCard Reader

ACCESSORIES

- | | |
|--|----------------|
| • AC Adapter (3 pin) | CF-AA1653AM |
| • Battery Charger | CF-VCBTB1U |
| • ComFolio Universal Carrying Case (large capacity, fits all Toughbooks) | CF-COMUNIV |
| • FieldMate Carrying Case | CF-FM50 |
| • FieldMate User Harness | CF-FMUH |
| • Lithium Ion Battery Pack | CF-VZSU18BU |
| • Memory Cards | |
| – 256MB | CF-WMBA40256F |
| – 512MB | CF-WMBA40512E |
| – 1GB | CF-WMBA401024B |
| • Mobile Data Wireless Display | CF-VDW07HMS |
| • Mobile Data Wireless Display with Magnetic Stripe Reader and Fingerprint Scanner | CF-VDW07RFHM |
| • Port Replicator | CF-VEB501W |

*Decoder software is required for DVD movie play. (Included)

**CD authoring software is required to write CD-R/RW. (Included)

***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.

****Integrated Options may vary depending on your notebook configuration. Please consult your reseller or Panasonic representative before purchasing.

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For more information call 1-800-662-3537 or visit us on the Web at panasonic.com/toughbook.

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