



Computers for the *Outside World*™

# toughbook 51

Full-featured, Mobile Presentation Platform

## CPU

- Intel® Pentium® M Processor 735:
  - Processor speed 1.7GHz
  - 2MB L2 cache
  - 400MHz FSB
- Intel® Pentium® M Processor 725:
  - Processor speed 1.6GHz
  - 1MB L2 cache
  - 400MHz FSB

## STORAGE & MEMORY

- With Intel® Pentium® M Processor 735:
  - 512MB SDRAM standard, expandable to 1536MB; or 1GB SDRAM standard, expandable to 2 GB
  - 60GB HDD (shock-mounted & easily removable)
- With Intel® Pentium® M Processor 725:
  - 256MB SDRAM standard, expandable to 1280MB
  - 40GB HDD (shock-mounted & easily removable)

## DISPLAY

- With Intel® Pentium® M Processor 735:
  - 15" 1600 x 1200 (UXGA) TFT Active Matrix Color LCD
- With Intel® Pentium® M Processor 725:
  - 15" 1024 x 768 (XGA) TFT Active Matrix Color LCD
- ATI MOBILITY™ RADEON™ 9600, 64MB VRAM

## AUDIO

- SigmaTel™ ST9753A
- Integrated stereo speakers
- Convenient keyboard volume and mute controls

## EXPANSION SLOTS

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

## MULTIMEDIA POCKET

- 1.44MB FDD standard
- Combo Drive (DVD-ROM\*/CD-RW\*\*) standard
- Will accept optional DVD Multi Drive or second battery

## KEYBOARD & INPUT

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

## WIRELESS LAN

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

## INTERFACE

- External Keyboard/Mouse Mini-DIN 6 pin
- External Video D-sub 15 pin
- Headphones/Speaker Mini-jack Stereo
- IEEE 1394 (Firewire) 4 pin
- Microphone/Line In Mini-jack
- Parallel D-sub 25 pin (bi-directional/ECP)
- Port Replicator Dedicated 100 pin
- Serial D-sub 9 pin (UART 16550 compatible)
- USB 2.0 (x2) 4 pin
- 10/100/1000 Ethernet RJ-45
- 56K Modem RJ-11

## POWER SUPPLY

- Lithium Ion battery pack (11.1V, 6600mAh)
- Battery operation: 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

- 1.9"(H) x 12.8"(W) x 10.9"(D)
- 6.7 lbs.



- Large 15" Display for Group Presentations
- Magnesium Alloy LCD and Bottom Case
- Shock-mounted, Removable HDD
- Optional SmartCard Reader for Added Security
- Intel® Centrino™ Mobile Technology

## 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
- DVD Multi Drive (DVD-RAM/DVD-ROM\*/DVD-RW/CD-R/CD-ROM/CD-RW\*\*) CF-51ABLEAKM
- FieldMate Carrying Case CF-FM50
- FieldMate Carrying Case with User Harness CF-FM50HR
- Lithium Ion Battery Pack CF-VZSU29U
- 2nd Battery Pack CF-VZSU1473U
- Memory Cards
  - 256MB CF-WMBA40256F
  - 512MB CF-WMBA40512E
  - 1GB CF-WMBA401024B
- Mobile Data Wireless Display
- Mobile Data Wireless Display with Magnetic Stripe Reader and Fingerprint Scanner CF-VDW07RFHM
- Port Replicator CF-VEB511W

\*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. Battery testing results from MobileMark 2002.

\*\*\*\*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](http://panasonic.com/toughbook).

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