

TOUGHBOOK 48

- CPU**
- Mobile Intel® Pentium® III Processor 1.13GHz or 1GHz
 - 256KB on-die L2 cache
- STORAGE & MEMORY**
- 256MB SDRAM standard, expandable to 512MB
 - With Mobile Intel® Pentium® III Processor 1.13GHz
 - 30GB HDD standard
 - With Mobile Intel® Pentium® III Processor 1GHz
 - 20GB HDD standard
 - Integrated 1.44MB FDD
 - Integrated 8X (max) DVD-ROM Drive*, 24X (max) read, 8X (max) write, 4X (max) re-write CD-RW Drive** or Combo Drive (DVD-ROM*/CD-RW**)
- DISPLAY**
- 14.1" 1024 x 768 (XGA) TFT Active Matrix Color LCD
 - External video support up to 2048 x 1536 at 4 billion colors (32 bit color depth)
 - ATI Mobility Radeon video controller, 16MB VRAM
- AUDIO**
- ESS ES1988 Allegro™ PCI audio controller
 - Integrated stereo speakers
 - Convenient keyboard volume controls (Fn+F5/F6 keys)
- PC CARD**
- Type I or II x 2 or Type III x 1
- KEYBOARD & INPUT**
- 87-key with dedicated Windows® key
 - Electrostatic touchpad with vertical scrolling support
- INTERFACE**
- | | |
|---------------------------|-------------------------------------|
| • Network Interface Card | Integrated 10/100 ethernet |
| • Modem | Integrated 56Kbps |
| • Serial | D-sub 9 pin (UART 16550 compatible) |
| • Parallel | D-sub 25 pin (bi-directional/ECP) |
| • External Video | D-sub 15 pin |
| • External Keyboard/Mouse | Mini-DIN 6 pin |
| • Port Replicator | Dedicated 100 pin |
| • USB (x2) | 4 pin |
| • Headphones/Speaker | Mini-jack Stereo |
| • Microphone/Line In | Mini-jack |
- POWER SUPPLY**
- Lithium Ion battery pack (11.1V, 5400mAh)
 - Battery operation: up to 4.0 hours***
 - Battery charging time: approximately 3.0 hours/OFF, 5.5 hours/ON***
 - AC Adapter: AC 100V-240V 50/60Hz, Auto-Sensing/switching for worldwide power supply
 - Pop-up on-screen battery status reporting
- POWER MANAGEMENT**
- Suspend/Resume Function, Hibernation, Standby, ACPI BIOS
- SOFTWARE**
- Preloaded Microsoft® Windows® 98SE standard (Windows® NT/2000 available)
 - Setup, Diagnostics, On-line Reference Manual, Adobe® Acrobat® Reader
- SECURITY FEATURES**
- Password Security: Supervisor, User, Coffee Break
 - Integrated Kensington Lock Slot
- WARRANTY**
- 3 year limited warranty, parts & labor
- DIMENSIONS & WEIGHT**
- 1.8"(H) x 10.2"(D) x 12.1"(W)
 - 7.48 lbs., including battery

Full-featured, Affordable, Desktop Alternative



- Integrated FDD
- Integrated DVD-ROM Drive, CD-RW Drive or Combo Drive (DVD-ROM/CD-RW)
- High SDRAM Capacity for Large Programs
- Magnesium Alloy LCD Case
- Shock-mounted, Removable HDD

INTEGRATED OPTIONS****

- Smart Card Reader

ACCESSORIES

- Port Replicator CF-VEB481
- Lithium Ion Battery Pack CF-VZSU18
- Battery Charger CF-VCB371
- AC Adapter CF-AA1639AM
- Memory Cards
 - 128MB CF-WMBA91128
 - 256MB CF-WMBA91256
- FieldMate CF48 Carrying Case CF-FM48
- FieldMate CF48 Carrying Case with User Harness CF-FM48HR
- ComFolio Universal Carrying Case (large capacity, fits all Toughbooks) CF-COMUNIV

* 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.



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

Panasonic is constantly enhancing product specifications and accessories. To find the most up-to-date information on the Toughbook 48, please visit our website. Specifications subject to change without notice. Trademarks are property of their respective owners.

