



Computers for the Outside World™

toughbook R1

Durable, Ultra-compact, Long-lasting Power

- CPU**
 - Ultra Low Voltage Mobile Intel® Pentium® III Processor-M 866MHz
 - 512KB on-die L2 cache
- STORAGE & MEMORY**
 - 256MB SDRAM standard, expandable to 512MB
 - 20GB HDD
- DISPLAY**
 - 10.4" 1024 x 768 XGA anti-glare TFT Active Matrix Color LCD
 - External video support up to 1280 x 1024 at 16 million colors
 - Intel® FW82830MG integrated video controller max. 48MB (UMA) VRAM
- AUDIO**
 - SigmaTel™ STAC9757 AC-97 v.2.1 Compliant
 - Integrated speaker
 - Convenient keyboard volume controls (Fn+F5/F6 keys)
- EXPANSION**
 - PC Card Type I or II
 - Secure Digital (SD) Memory Card
- KEYBOARD & INPUT**
 - 82-key with dedicated Windows® key
 - Electrostatic touchpad with vertical scrolling support
- INTERFACE**
 - Network Interface Card Integrated 10/100 ethernet
 - Modem Integrated 56Kbps
 - External Video D-sub 15 pin via included cable
 - USB 2.0 4 pin
 - USB 1.0 4 pin
 - Headphones/Speaker Mini-jack Stereo
 - Microphone/Line In Mini-jack Mono
 - SD Card 9 pin
- POWER SUPPLY**
 - Lithium Ion battery pack (7.4V, 4400mAh)
 - Battery operation: up to 5 hours*
 - Battery charging time: approximately 3 hours*
 - 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® XP Professional
 - Setup, Diagnostics, On-line Reference Manual, Adobe® Acrobat® Reader
- SECURITY FEATURES**
 - Password Security: Supervisor, User, Coffee Break
- WARRANTY**
 - 3 year limited warranty, parts & labor
- DIMENSIONS & WEIGHT**
 - 1"/1.5"(H) x 7.2"(D) x 9.5" (W)
 - 2.2 lbs., including battery
- ACCESSORIES**
 - Lithium Ion Battery Pack CF-VZSU24U
 - AC Adapter CF-AA1623A
 - 128MB Memory Card CF-BAP0128U
 - 256MB Memory Card CF-BAP0256U
 - VGA Cable (included) CF-VCFR11
 - CD-RW/DVD Drive (USB 2.0) CF-VDRRT1M
 - Battery Charger CF-VCBRT1U
 - External FDD CF-VFUDU03W



- Full Magnesium Alloy Case
- Shock-mounted HDD
- 2.2 lbs. Lightweight, Ultra-thin Design
- Long-lasting 5-hour Battery Life

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*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.

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

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