

toughbook W4

Howard Technology Solutions
recommends Windows VistaTM
Business

Ultra-lightweight, Integrated Combo Drive

- Full Magnesium Alloy Case
- Shock-mounted HDD
- Ultra-lightweight 2.8 lbs.
- Long-lasting 6+ Hour Battery Life



toughbook

W4

Panasonic
ideas for life

Howard Technology Solutions recommends Windows Vista™ Business

- CPU**
- Intel® Pentium® M Processor ULV: 753
 - 2MB L2 cache
 - Processor speed 1.20GHz
 - 400MHz FSB
- STORAGE & MEMORY**
- 512MB SDRAM (DDR2-400) standard, expandable to 1024MB (PC2-3200 memory is required)
 - 60GB HDD (shock-mounted and removable*)
 - Combo Drive (DVD-ROM/CD-RW) standard
- DISPLAY**
- 12.1" 1024 x 768 XGA anti-glare TFT Active Matrix Color LCD
 - External video support up to 2048 x 1536 and 16.7 million colors
 - Intel® 915GMS integrated video controller max. up to 128MB (UMA) VRAM
- AUDIO**
- SigmaTel™ STAC9751 AC-97 v.2.1 Compliant
 - Integrated speaker
 - Convenient keyboard volume controls (Fn+F5/F6 keys)
- EXPANSION SLOTS**
- PC Card Type II x1
 - Secure Digital (SD) card
- KEYBOARD & INPUT**
- 83-key with dedicated Windows® key
 - Electrostatic touchpad with continuous vertical scrolling support
- INTERFACE**
- | | |
|----------------------------|------------------|
| • Mini Dock Box Replicator | 50 pin |
| • External Video | D-sub 15 pin |
| • Headphones/Speaker | Mini-jack Stereo |
| • Microphone/Line In | Mini-jack |
| • USB 2.0 (x2) | 4 pin |
| • 10/100 Ethernet | RJ-45 |
| • 56K Modem | RJ-11 |
- WIRELESS LAN**
- Intel® PRO/Wireless 2915ABG network connection 802.11a/b/g
 - Slide on/off switch
 - Security
 - Authentication: LEAP, WPA, 802.1x, EAP-TLS, EAP-FAST, PEAP
 - Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES
- POWER SUPPLY**
- Lithium Ion battery pack (7.4V, 7800mAh)
 - Battery operation: 6.5 hours**
 - Battery charging time: approximately 5 hours off, 6.5 hours on**
 - AC Adapter: AC 100V-240V 50/60Hz, Auto Sensing/Switching worldwide power supply
 - Pop-up on-screen battery status reporting
- POWER MANAGEMENT**
- Resume Function, Hibernation, Standby, ACPI BIOS
- SOFTWARE**
- Microsoft® Windows® XP Professional SP2
 - Setup, Diagnostics, On-line Reference Manual, Adobe® Reader
- SECURITY FEATURES**
- Password Security: Supervisor, User
 - Security lock slot
 - Trusted Platform Module Security Chip (TPM) v.1.1
- WARRANTY**
- 3-year limited warranty, parts & labor
- DIMENSIONS & WEIGHT**
- 10.6"(W) x 1.0"/1.8" (H) x 8.3"(D)
 - 2.8 lbs.



- Full Magnesium Alloy Case
- Shock-mounted HDD
- Ultra-lightweight 2.8 lbs.
- Long-lasting 6+ Hour Battery Life



toughbook
W4

ACCESSORIES

- | | |
|---|--------------|
| • AC Adapter (3 pin) | CF-AA1623AM |
| • ComFolio Universal Carrying Case (large capacity) | CF-COMUNIV |
| • ComFolio Universal Jr. Carrying Case | CF-COMUNIVJR |
| • External USB Floppy Drive | CF-VFDU03W |
| • Lithium Ion Battery Pack | CF-VZSU40U |
| • Memory Cards | |
| – 256MB | CF-WMBAV0256 |
| – 512MB | CF-WMBAV0512 |
| • Mini Dock Box Replicator | CF-VEBU05U |

*Hard drive removal should only be attempted by a technician with the proper equipment.

**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 2005.

Please consult your reseller or Panasonic representative before purchasing.

For more information visit
www.Howard.com or call us at 888.912.3151

Panasonic is constantly enhancing product specifications and accessories. To find the most up-to-date information on the Toughbook W4, please visit our website. Specifications subject to change without notice. Trademarks are property of their respective owners. ©2006 Panasonic Computer Solutions Company. All rights reserved.

