

# toughbook 72

High Performance, Durable and Wireless

- *Daylight-readable Display with Touchscreen*
- *Spill-resistant Keyboard and Touchpad*
- *Magnesium Alloy LCD Case and Inner Chassis with Carry Handle*
- *Wireless-ready Design*



toughbook

72

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Computers for the *Outside World*™

# toughbook 72

High Performance, Durable and Wireless

## CPU

- Mobile Intel® Pentium® 4 Processor-M 1.80GHz featuring Enhanced Intel® SpeedStep™ technology
- 512KB on-die L2 cache

## STORAGE & MEMORY

- 256MB SDRAM standard, expandable to 768MB (PC-2100 memory is required)
- 30GB HDD
- 1.44MB FDD standard
- DVD-ROM Drive\* standard

## DISPLAY

- 13.3" 1024 x 768 (XGA) outdoor-readable, anti-reflective TFT Active Matrix Color LCD with or without Touchscreen
- External video support up to 2048 x 1536 at 4 billion colors (32 bit color depth)
- ATI Mobility Radeon 7500 video controller, 32MB VRAM

## AUDIO

- HRTF 3D positional audio support 16 bit stereo, WAVE and MIDI player
- Integrated stereo speakers
- Convenient keyboard volume controls (Fn+F5/F6 keys)

## PC CARD SLOT

- Type I or II x 2 or Type III x 1

## MULTIMEDIA POCKET

- Holds 1.44MB FDD (standard)
- Holds 8X (max) DVD-ROM Drive\* (standard)
- Accepts optional CD-RW Drive\*\* (CF-VCW721W)
- Accepts optional Combo Drive (DVD-ROM\*/CD-RW\*\*) (CF-VDR721M)
- Accepts optional Battery Pack Adapter\*\*\* (CF-VAB721W)
- Accepts optional Hard Disk Drive (CF-VHD7230)
- Hot-swappable

## KEYBOARD & INPUT

- 87-key with dedicated Windows® key
- Enhanced pressure sensitive touchpad
- Touchscreen LCD (with Touchscreen model)

## INTERFACE

- Network Interface Card Integrated 10/100 ethernet
- Modem Integrated 56Kbps
- Infrared 4Mbps IrDA
- Serial D-sub 9 pin (UART 16550 compatible)
- Parallel D-sub 25 pin (bi-directional/ECP)
- External Video Mini-D-sub 15 pin
- External Keyboard/Mouse Mini-DIN 6 pin
- USB (x2) 4 pin
- Port Replicator Dedicated 100 pin
- Headphones/Speaker Mini-jack Stereo
- Microphone/Line In Mini-jack

## POWER SUPPLY

- Lithium Ion rechargeable battery pack (11.1V, 3.6Ah)
- Battery operation: up to 2.5 hours (with first battery), up to 4.5 hours (with second battery)\*\*\*\*
- Battery charging time: approximately 3.5 hours/OFF, 3.5 hours/ON\*\*\*\*
- AC Adapter: AC 100V-240V 50/60Hz, Auto-sensing/switching for worldwide power supply
- Intelligent power measurement for precise battery status reporting
- Pop-up on-screen battery status reporting

## POWER MANAGEMENT

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

## SOFTWARE

- Dual-load Microsoft® Windows® XP/2000
- Setup, Diagnostics, DMI Viewer, Battery Status Utility, Adobe® Acrobat® Reader, On-Line Reference Manual

## SECURITY FEATURES

- Password Security: Supervisor, User, Password On Boot, Processor Serial Number
- Integrated Kensington Lock Slot

## WARRANTY

- 3 year limited warranty, parts & labor

## DIMENSIONS & WEIGHT

- Touchscreen model
  - 1.9" (H) x 10.5" (D) x 11.7" (W)
  - 7.11 lbs., including battery
- Non-Touchscreen model
  - 1.8" (H) x 10.5" (D) x 11.7" (W)
  - 6.4 lbs., including battery



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## INTEGRATED OPTIONS\*\*\*\*\*

- Smart Card Reader
- Integrated Wireless Solutions
  - CDPD
  - Mobitex (Cingular™ Wireless)
  - GSM/GPRS (availability may vary)
  - 1xRTT/CDMA (availability may vary)
- Integrated 802.11b Wireless LAN
  - Cisco Aironet

## ACCESSORIES\*\*\*\*\*

- Port Replicator CF-VEB481
- Lithium Ion Rechargeable Battery Pack CF-VZSU14BW
- Battery Pack Adapter\*\*\* CF-VAB721W
- Battery Charger\*\*\*\*\* CF-VCB371
- AC Adapter (3 pin) CF-AA1653M
- 2nd Hard Drive CF-VHD7230
- Memory Cards
  - 128MB CF-WMBA20128
  - 256MB CF-WMBA20256
  - 512MB CF-WMBA20512
- 13.3" LCD Protector CF-VPF03U
- 1.44MB Floppy Disk Drive CF-VFD721
- 24X (max) CD-ROM Drive CF-VCD711
- 8X (max) DVD-ROM Drive\* CF-VDD721
- 24X (max) read, 8X (max) write, 4X (max) re-write CD-RW Drive\*\* CF-VCW722W
- Combo Drive (DVD-ROM\*/CD-RW\*\*) CF-VDR721M
- ToughMate "Sling" CF72 Case CF-TM72
- ToughMate Universal Carrying Case CF-COMUNIV

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

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

\*\*\*Battery pack adapter option requires purchase of battery pack (CF-VZSU14BW).

\*\*\*\*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.

\*\*\*\*\*Accessories and Integrated Options may vary depending on your notebook configuration.

\*\*\*\*\*Must purchase adapter to interface with battery charger (CF-VAB721W).

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For more information call 1-800-662-3537 or visit us on the Web at [www.panasonic.com/toughbook](http://www.panasonic.com/toughbook).

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