

# toughbook T5

Durable, Long-lasting Battery with Touchscreen LCD

- Full Magnesium Alloy Case
- Shock-mounted Hard Drive
- Ultra-thin Design with Hand Strap
- Long-lasting 7-11-hour Battery Life
- Touchscreen LCD
- Mobile Broadband-ready Design



T5

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## Panasonic recommends Windows Vista® Business.

## SOFTWARE

- Genuine Windows® XP Professional SP2, Windows XP Tablet PC Edition 2005 or Genuine Windows Vista® Business
- Setup, Diagnostics, Online Reference Manual, Adobe® Reader, Display Image Rotation

## CPU

- Intel® Core™ Duo Processor ULV U2400
  - 2MB L2 cache
  - Processor speed 1.06GHz
  - 533MHz FSB

## STORAGE &amp; MEMORY

- 512MB SDRAM (DDR2-553) standard, expandable to 1536MB\* (PC2-4200 memory is required)
- 60GB hard drive (shock-mounted and removable\*\*)

## DISPLAY

- 12.1" 1024 x 768 XGA anti-glare TFT active matrix color LCD with touchscreen
- External video support up to 2048 x 1536 and 16.7 million colors
- Intel® 945GMS integrated video controller max. up to 224MB (DVMT) 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 x 1
- Secure Digital (SD) card

## KEYBOARD &amp; INPUT

- 83-key with dedicated Windows® key
- Electrostatic touchpad with continuous vertical scrolling support
- Touchscreen LCD
- Integrated stylus holder

## 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 (x 2)	4-pin
• 10/100 Ethernet	RJ-45
• 56K Modem	RJ-11

## WIRELESS LAN

- Intel® PRO/Wireless 3945ABG LAN connection 802.11a/b/g
- Security
  - Authentication: LEAP, WPA, 802.1x, EAP-TLS, EAP-FAST, PEAP
  - Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES
- Slide on/off switch

## POWER SUPPLY

- Lithium ion battery pack (11.1V, 7.65Ah)
- Battery operation: 7-11 hours\*\*\*
- Battery charging time: approximately 5 hours off, 7 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

## SECURITY FEATURES

- Password security: Supervisor, User
- Security lock slot
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent in BIOS\*\*\*\*

## WARRANTY

- 3-year limited warranty, parts and labor

## DIMENSIONS &amp; WEIGHT

- 10.6"(W) x 1.3"/2.8"(H) x 8.3"(D)

- 3.5 lbs.

• AC Adapter (3-pin)	CF-AA1623AM
• ToughMate Universal Carrying Case (large capacity)	COMUNIV-P
• ToughMate Universal Jr. Carrying Case	COMUNIVJR-P
• ToughMate Always-on T5 Case	FMT5-P
• ToughMate Always-on T5 Case, Vinyl	T5FV-P
• ToughMate Business-rugged TL Case	FMBRTL-P
• External USB Combo Drive (DVD-ROM/CD-RW)	CF-VDRRT3U
• External USB Floppy Drive	CF-VFDU03U
• Lithium Ion Battery Pack	CF-VZSU37U
• Memory Cards	
-512MB	CF-WMBAW0512U
-1GB	CF-BAW1024U
• Mini Dock Box Replicator	CF-VEBU05BU
• 12.1" Screen Film Replacement	CF-VPF02U

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

- Mobile Broadband Solutions
  - EVDO (Verizon or Sprint)

\*Total usable memory will be less depending upon actual system configuration.

\*\*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.

\*\*\*\*Requires software and activation to enable theft protection.

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

Please consult your reseller or Panasonic representative before purchasing.



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