



toughbook 30

Powerful, Rugged and Wireless

- *Daylight-readable Display*
- *Full Magnesium Alloy Case with Handle*
- *Shock-mounted, Removable Hard Drive*
- *Sealed All-weather Design*
- *Mobile Broadband- and GPS-ready Design*



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Panasonic recommends Windows Vista® Business.

DURABILITY FEATURES

- Designed using MIL-STD-810F test procedures
- Full magnesium alloy case with handle
- Moisture- and dust-resistant LCD, keyboard and touchpad
- Sealed port and connector covers
- Shock-mounted, removable hard drive in stainless steel case
- Rugged, dust-resistant hinges
- Vibration-, shock- and drop-resistant
- Pre-installed replaceable screen film for touchscreen protection

SOFTWARE

- Genuine Windows Vista® Business (with XP downgrade option)
- Setup, Diagnostics, DMI Viewer, Online Reference Manual, Adobe® Reader, Panasonic Handwriting, Hard Disk Data Erase Utility, Recovery DVD

CPU

- Intel® Core™ 2 Duo Processor L7500
 - 4MB L2 cache
 - Processor speed 1.6GHz
 - 800MHz FSB

STORAGE & MEMORY

- 1024MB SDRAM (DDR2) standard, expandable to 4096MB*
- 80GB hard drive (shock-mounted and user-removable)

DISPLAY

- 13.3" 1024 x 768 (XGA) transmissive, daylight-readable TFT active matrix color LCD with touchscreen or without touchscreen
- External video support up to 1280 x 1024 at 16 million colors (24-bit color depth)
- Intel® GM965 integrated video controller max. 384MB (DVMT) VRAM on XP*
- Anti-glare, anti-reflective coating
- 1000 nit (touchscreen models), 500 nit (non-touchscreen models) LCD brightness

AUDIO

- Sigmatal™ STAC9751T AC-97 v.2.1 Compliant Audio Codec
- Intel® high definition audio compliant
- Integrated front-facing speaker
- Convenient keyboard volume and mute controls

EXPANSION SLOTS

- PC card type II x 1
- Secure Digital (SDHC) card
- ExpressCard/54 x 1
- Will accept optional Combo or DVD Super MULTI Drive, or 2nd Battery

MULTIMEDIA POCKET

KEYBOARD & INPUT

- 87-key with dedicated Windows® key
- Pressure-sensitive touchpad with vertical scrolling support
- Touchscreen LCD (only with touchscreen version)
- Integrated stylus holder (only with touchscreen version)

INTERFACE

- External video Mini-D-sub 15-pin
- Headphones/speaker Mini-jack stereo
- Microphone/line in Mini-jack
- Port replicator 80-pin (reinforced)
- Serial D-sub 9-pin
- Ext. antenna conn. 50 Ohm Coaxial
- USB 2.0 (x 3) 4-pin
- IEEE 1394a (Firewire) 4-pin
- 10/100/1000 Ethernet RJ-45
- 56K Modem RJ-11

WIRELESS

- Optional integrated mobile broadband (WWAN)
- Intel® Wireless WiFi Link 4965AG 802.11a/b/g
- Bluetooth® v.2.0 + EDR
- 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 (10.65V, 8550mAh)
- Battery operation: 7 hours**
- Battery charging time: 5 hours off, 8.5 hours on**
- AC Adapter: AC 100V-240V 50/60Hz, Auto sensing/switching worldwide power supply
- Pop-up, on-screen battery status reporting

POWER MANAGEMENT

SECURITY FEATURES

- Suspend/Resume Function, Hibernation, Standby, ACPI BIOS
- Password Security: Supervisor, User, Hard Disk Lock
- Cable lock slot
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent in BIOS***
- Fingerprint scanner (option)
- SmartCard reader (option)

WARRANTY

DIMENSIONS & WEIGHT

- 3-year limited warranty, parts and labor
- 2.8"(H) x 11.9"(W) x 11.3"(D)
- 8.4 lbs.



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INTEGRATED OPTIONS****

- Mobile Broadband Solutions
 - EV-DO Rev. A
 - HSDPA
- 120GB hard drive
- Global positioning system (GPS) receiver
- Backlit keyboard – sealed rubber or plastic emissive
- SmartCard reader
- Fingerprint scanner
- UL1604 Class I, Division 2, Groups A, B, C, D certified model

ACCESSORIES****

- AC Adapter (3-pin) CF-AA1653AM
- MIL-461 Compliant AC Adapter CF-AA1653ASM
- Battery Charger CF-VCBTB1W
- Touchscreen Large Stylus with Tether Hole CF-VNP009U
- ToughMate ComUniversal Carrying Case (large capacity) COMUNIV-P
- ToughMate ComUniversal Jr. Carrying Case COMUNIVJR-P
- ToughMate Sling 30 Case TM30-P
- Desktop Port Replicator CF-VEB272A2W
- Combo Drive (DVD-ROM/CD-RW) CF-VDR301U
- DVD Super MULTI Drive CF-VDM301U
- External USB Floppy Drive CF-VFDU03U
- Lithium Ion Battery Pack CF-VZSU46U
- Lithium Ion Battery Pack for Multimedia Pocket CF-VZSU1430U
- Memory Cards
 - 1GB CF-WMBA601G
 - 2GB CF-WRBA602G
- Vehicle-mount Port Replicator (USB 2.0) CF-WEB301M
- Vehicle-mount Port Replicator with Integrated Dual High-gain Antenna Pass-through (USB 2.0) CF-WEB301MB
- Vehicle-mount Port Replicator with Integrated Single High-gain Antenna Pass-through (USB 2.0) CF-WEB301MA
- 13.3" LCD Protector Film CF-VPF05U

*Total usable memory will be less depending upon actual system configuration. Vista max. VRAM is 251MB with 1GB of memory, or 358MB with 1.5GB or more of memory.

**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 2007.

***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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For more information, call 1.800.662.3537 or visit us on the Web at panasonic.com/toughbook

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