

# The Panasonic Toughbook 30.

Powerful, Rugged and Wireless.

Panasonic recommends Windows Vista® Business.



## DURABILITY FEATURES

- MIL-STD-810F- and IP54-compliant
- 3-foot drop approved
- LCD heater (only with touchscreen model)
- HDD heater
- Full magnesium alloy case with handle
- Shock-mounted, quick-release hard drive
- Sealed all-weather design
- Rain-, spill-, dust- and vibration-resistant
- Pre-installed replaceable screen film for touchscreen protection

## SOFTWARE

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

## CPU

- Intel® Core™ 2 Duo Processor SL9300
  - Intel® Centrino® 2 with vPro™ technology
  - Processor speed 1.6GHz
  - 6MB L2 cache
  - 1066MHz FSB

## STORAGE & MEMORY

- 2048MB SDRAM (DDR2-667MHz) standard, expandable to 4096MB<sup>1</sup>
- 160GB HDD (shock-mounted and quick-release)<sup>2</sup>

## DISPLAY

- 13.3" 1024 x 768 XGA daylight-readable LCD (sunlight-viewable with optional touchscreen)
  - Optional touchscreen: 1000 nit, AR, AG, circular polarizer
  - Non-touchscreen: 500 nit, AR, AG
- External video support up to 1280 x 1024 at 16.7 million colors
- Intel® GS45 (GMA 4500MHD video controller), max. 1024MB UMA VRAM on XP<sup>3</sup>
- Concealed mode

## AUDIO

- Analog Devices AD1883 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
- SD card (SDHC)
- ExpressCard/54 x 1

## MULTIMEDIA POCKET

- Will accept optional Combo or DVD Super MULTI Drive, or 2nd Battery

## KEYBOARD & INPUT

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

## INTERFACE

- Port replicator 80-pin (reinforced)
- External video D-sub 15-pin
- Headphones/speaker Mini-jack stereo
- Microphone/line in Mini-jack stereo
- 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 Gobi™ 3G global mobile Internet (WWAN)
- Intel® Wireless WiFi Link 5100 802.11a/b/g/draft-n
- Bluetooth® v2.0 + EDR (Class 1)
- Security
  - Authentication: LEAP, WPA, 802.1x, EAP-TLS, EAP-FAST, PEAP
  - Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES
- High-gain antenna pass-through (single standard, dual optional)
- Slide on/off switch

## POWER SUPPLY

- Lithium ion battery pack (10.65V, 8550mAh)
- Battery operation: approximately 9 hours (Vista), 10 hours (XP)–12.5 hours (Vista), 14 hours (XP) including optional 2nd battery<sup>4</sup>
- Battery charging time: 5 hours off, 8.5 hours on<sup>5</sup>
- AC Adapter: AC 100V-240V 50/60Hz, Auto sensing/switching worldwide power supply
- Pop-up, on-screen battery status reporting

## POWER MANAGEMENT

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

## SECURITY FEATURES

- Password Security: Supervisor, User, Hard Disk Lock
- Kensington cable lock slot
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent in BIOS<sup>6</sup>
- Optional fingerprint reader
- Optional SmartCard reader

## WARRANTY

- 3-year limited warranty, parts and labor

## DIMENSIONS & WEIGHT

- 11.5"(L) x 11.9"(W) x 2.7-2.8"(H)
- 8.4 lbs.

- 1000 Nit Sunlight-viewable Display
- Full Magnesium Alloy Case with Handle
- Shock-mounted, Quick-release Hard Drive
- Sealed All-weather Design
- Intel® Centrino® 2 with vPro™ Technology
- 3G Mobile Broadband- and GPS-ready Design

## INTEGRATED OPTIONS<sup>7</sup>

- Global Mobile Broadband Internet
  - Gobi™ Technology (EV-DO Rev. A, HSPA)
- 32GB SSD
- Global positioning system (GPS) receiver
- Backlit keyboard – sealed rubber or plastic emissive
- SmartCard reader
- Fingerprint reader
- HDD and battery lock
- UL1604 Class I, Division 2, Groups A, B, C, D certified model<sup>8</sup>

## ACCESSORIES<sup>9</sup>

- AC Adapter (3-pin) CF-AA1653AM
- MIL-461 Compliant AC Adapter CF-AA1653ASM
- Battery Charger CF-VCB1W
- Touchscreen Large Stylus with Tether Hole CF-VNP009U
- ToughMate ComUniversal Carrying Case (large capacity) 7540-P
- ToughMate ComUniversal Jr. Carrying Case COMUNIVJR-P
- ToughMate ComUniversal Roller TM-UNIVRLR-P
- ToughMate Sling 30 Case TM30-P
- Desktop Port Replicator CF-VEB272A2W
- Combo Drive (DVD-ROM/CD-RW) CF-VDR302U
- DVD Super MULTI Drive CF-VDM302U
- 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-WMBA801G
  - 2GB CF-WMBA802G
- Vehicle-mount Port Replicator (USB 2.0) CF-WEB301M
- Vehicle-mount Port Replicator with Integrated Single High-gain Antenna Pass-through (USB 2.0) CF-WEB301MA
- Vehicle-mount Port Replicator with Integrated Dual High-gain Antenna Pass-through (USB 2.0) CF-WEB301MB
- 13.3" LCD Protector Film CF-VPF05U

<sup>1</sup>Total usable memory will be less depending upon actual system configuration. Vista max. VRAM is 977MB with 2GB of memory, or 1551MB with 4GB of memory.

<sup>2</sup>1GB = 1,000,000,000 bytes.

<sup>3</sup>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.

<sup>4</sup>Requires software and activation to enable theft protection.

<sup>5</sup>Accessories and Integrated Options may vary depending on your notebook configuration.

Please consult your reseller or Panasonic representative before purchasing.

For more information call 1.877.532.8088 or visit us on the Web at [buytough.com](http://buytough.com).

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THE RUGGED ORIGINAL.