

# The **NEW** Panasonic Toughbook 52.

## Reliable, Semi-rugged Desktop Alternative

### Panasonic recommends Windows Vista® Business.

#### SOFTWARE

- Genuine Windows® XP Professional SP2 or Genuine Windows Vista® Business
- Setup, Diagnostics, DMI Viewer, Online Reference Manual, Adobe® Reader, Hard Disk Data Erase Utility, Recovery DVD, WinDVD 8, B's Recorder GOLD8 BASIC, B's CLiP6

#### CPU

- Intel® Core™ 2 Duo Processor T7300
  - 4MB L2 cache
  - Processor speed 2.0GHz
  - 800MHz FSB
- Intel® Core™ 2 Duo Processor T7100
  - 2MB L2 cache
  - Processor speed 1.8GHz
  - 800MHz FSB

#### STORAGE & MEMORY

- Intel® Core™ 2 Duo Processor T7300
  - 1GB SDRAM (DDR2) standard, expandable to 4GB\*
  - 120GB hard drive (shock-mounted & user-removable)
- Intel® Core™ 2 Duo Processor T7100
  - 1GB SDRAM (DDR2) standard, expandable to 4GB\*
  - 80GB hard drive (shock-mounted & user-removable)

#### DISPLAY

- Intel® Core™ 2 Duo Processor T7300
  - 15.4" widescreen 1920 x 1200 (WUXGA) TFT active matrix color LCD
  - AMD x 2300, max. 512MB VRAM
- Intel® Core™ 2 Duo Processor T7100
  - 15.4" widescreen 1280 x 800 (WXGA) TFT active matrix color LCD
  - Intel® GMA x3100 graphic controller, max. 384MB (DVMT) VRAM
  - Anti-glare, anti-reflective coating

#### AUDIO

- Intel® high-definition audio compliant
- Integrated stereo speakers
- Convenient keyboard volume and mute controls

#### EXPANSION SLOTS

- PC card type II x 1
- Secure Digital (SD) card x1
- ExpressCard/54 x 1

#### MULTIMEDIA POCKET

- DVD Super MULTI Drive with Dual Layer Support

#### KEYBOARD & INPUT

- 87-key with dedicated Windows® key
- Electrostatic touchpad with scrolling support

#### INTERFACE

- External video D-sub 15-pin
- Headphones/speaker Mini-jack stereo
- Microphone/line in Mini-jack stereo
- Port replicator Dedicated 100-pin
- Serial D-sub 9-pin
- USB 2.0 (x 4) 4-pin
- IEEE 1394a (Firewire) 4-pin
- 10/100/1000 Ethernet RJ-45
- 56Kbps Modem RJ-11

#### WIRELESS

- Optional integrated mobile broadband (WWAN)
- Intel® Wireless WiFi Link 4965AG 802.11a/b/g
- Bluetooth® v.2.0 + EDR (option on model with T7100 CPU)
- 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, 7650mAh)
- Battery operation: approximately 3.5–9.5 hours\*\*
- Battery charging time: approximately 4 hours\*\*
- 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
- Cable lock slot
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent\*\*\*\*
- Fingerprint scanner (option)
- SmartCard reader (option)

#### WARRANTY

- 3-year limited warranty, parts and labor

#### DIMENSIONS & WEIGHT

- 2.0" (H) x 14.0" (W) x 11.3" (D)
- 7.4 lbs. (with handle)



- 15.4" Widescreen Display
- Full Magnesium Alloy Case with Handle
- Shock-mounted, Removable Hard Drive
- Drop- and Spill-resistant
- Mobile Broadband-ready Design

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

- Mobile Broadband Solutions
  - EV-DO Rev. A
  - HSDPA
- SmartCard reader
- Fingerprint scanner

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

- AC Adapter (3-pin) CF-AA1683AM
- Battery Charger CF-VCBTB1W
- ToughMate ComUniversal Carrying Case (large capacity) COMUNIV-P
- ToughMate Always-on 52 Case TM52-P
- Desktop Port Replicator CF-VEB521M
- Lithium Ion Battery Pack CF-VZSU29AU
- Memory Cards
  - 1GB CF-WMBA601G
  - 2GB CF-WMBA602G
- Large Venue DLP Projector PT-DW5100U
- Mobile LCD Projector PT-LB60U

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

\*\*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.

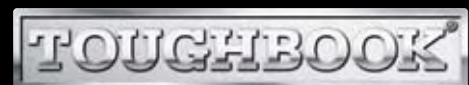
\*\*\*\*Accessories and Integrated Options may vary depending on your notebook configuration.

Please consult your reseller or Panasonic representative before purchasing.

For more information call **888-550-USAT** email [sales@usatcorp.com](mailto:sales@usatcorp.com) or visit us on the Web at

[www.usatcorp.com/toughbooks.htm](http://www.usatcorp.com/toughbooks.htm).

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**THE RUGGED ORIGINAL.**