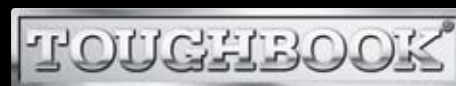YOU CAN KEEP
TELLING YOURSELF
"IT'S JUST LIKE
A TOUGHBOOK,"
OR YOU CAN GO FOR
THE REAL THING.

Panasonic ideas for life

TOUGHBOOK

THE RUGGED ORIGINAL.

The new Panasonic Toughbook 52.
The only full-power desktop replacement laptop PC with Toughbook durability, reliability and performance. With a 15.4" widescreen LCD for group presentations and advanced technology to run multiple applications without a hitch. And embedded mobile broadband (WWAN) lets you work seamlessly pretty much anywhere.

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 1.800.662.3537 or visit us on the Web at panasonic.com/toughbook.

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intel Centrino Duo
Core 2 Duo inside™

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