



THE NEW PANASONIC TOUGHBOOK U1. THE HANDHELD, **REINVENTED.**

Panasonic **ideas for life**

TOUGHBOOK®

THE RUGGED ORIGINAL.

The NEW Panasonic Toughbook U1

The Panasonic Toughbook® U1 is a new kind of mobile computer, a one-two punch of Toughbook ruggedness with hot-swappable twin batteries for full-shift productivity. We wouldn't want to put words in your mouth, but being able to run Windows® XP or Vista® while still maintaining its convenient lightweight design is something other handhelds can't begin to imagine. Couple that with its seemingly endless integrated options like GPS, 3G mobile broadband, a 2MP camera and fingerprint and barcode scanners, and you might forget you're not carrying a laptop. We won't say we've reinvented the handheld. We'd rather wait and hear you say it.



The Panasonic Toughbook U1.

The rugged ultra lightweight pc that fits in the palm of your hand

Panasonic recommends Windows Vista® Business.

DURABILITY FEATURES

- MIL-STD-810F and IP54 compliant
- 4-foot drop approved
- Magnesium alloy cage chassis
- Removable solid state drive¹
- Sealed all-weather design
- Rain-, spill-, dust- and vibration- resistant
- Rotating hand strap

SOFTWARE

- Genuine Windows Vista® Business (with XP downgrade option), Setup, PC Information Viewer, Adobe® Reader, Panasonic Handwriting, Keyboard Button Manager, Full Screen Zoom

CPU

- Intel® Atom Processor Z520
- 512KB L2 cache
- Processor speed 1.33GHz
- 533MHz FSB

STORAGE & MEMORY

- 1024MB SDRAM (DDR2) standard²
- 16GB solid state removable drive (32GB optional)¹

DISPLAY

- 5.6" widescreen 1024 x 600 sunlight-viewable TFT active matrix LCD
- External video support
- Intel® GMA 500 integrated video controller max. 256MB (DVMT) VRAM²
- Anti-reflective screen treatment
- LED backlighting

AUDIO

- Intel® high definition audio
- Integrated speaker
- Convenient keyboard volume and mute controls

KEYBOARD & INPUT

- Touchscreen LCD
- Integrated stylus holder (x 2)
- 61-key with dedicated Windows® key
- Zoom (in/out) and scroll (up/down) buttons
- 4 user-defined programmable buttons

EXPANSION SLOTS

- SD card x 1
- Magnetic stripe reader (with expansion module)
- SmartCard reader (with expansion module)

INTERFACE

- Headphones/speaker Mini-jack stereo
- Expansion Module Connector Dedicated 19-pin
- Microphone/line in Mini-jack
- USB 2.0 (x 1) 4-pin
- Ethernet (RJ-45) With expansion module
- Serial With expansion module

WIRELESS

- Optional integrated 3G mobile broadband (WWAN)
- Intel® Wireless WiFi Link 5100 802.11a/b/g/draft-n
- Bluetooth® v2.0 + EDR
- Security
 - Authentication: LEAP, WPA, 802.1x, EAP-TLS, EAP-FAST, PEAP
 - Encryption: CKIP, TKIP, 128-bit and 64-bit WEP
- Slide on/off switch

POWER SUPPLY

- Twin hot-swappable lithium ion battery pack (7.2V, 2900mAh each)
- Battery operation: 9 hours³
- Battery charging time: 7 hours off, 10 hours on³
- AC Adapter: AC 100V-240V 50/60Hz, Auto sensing/switching worldwide power supply

POWER MANAGEMENT

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

SECURITY FEATURES

- Password Security: Supervisor, User, Hard Disk Lock
- Cable lock slots (x 2)
- Computrace® theft protection agent in BIOS⁴
- Fingerprint scanner (option)

WARRANTY

- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT

- 2.2" (H) x 7.2" (W) x 5.9" (D)
- 2.3 lbs. (with strap and both batteries)

INTEGRATED OPTIONS⁵

- Choice of 1D, 2D barcode or RFID⁶ reader
- Mobile Broadband Solutions
 - EV-DO Rev. A
 - HSDPA
- 2.0MP camera with LED flash
- 32GB SSD
- Global positioning system (GPS) receiver
- Fingerprint scanner
- UL 1604 Class I, Division 2, Groups, A, B, C, D certified model



- Intel's new Atom processor, to power Windows® XP or Vista®
- Hot-swappable twin batteries provide 9 hours of battery life
- Integrated options provide maximum convenience and ruggedness
- Docking options expand functionality whether in a vehicle, at the desk, or on the move
- Sunlight-viewable display with zoom control
- Sealed rugged all-weather design

ACCESSORIES⁵

- AC Adapter
- 4-bay Battery Charger
- Lithium Ion Battery Pack
- Stylus Pen
- ToughMate Holster
- ToughMate Harness
- External USB Combo Drive
- External USB Floppy Drive
- Desktop Cradle / Spare 2-Bay Battery Charger
- Magnetic Stripe Reader Expansion Module
- Serial/Ethernet/SmartCard Expansion Module
- Vehicle Dock
- 5.6" LCD Protector Film

Please consult your reseller or Panasonic representative before purchasing.

¹Hard drive removal should only be attempted by a technician with the proper equipment.

²Total usable memory will be less depending upon actual system configuration.

³Battery 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 2005. Battery life subject to change pending final testing.

⁴Requires software and activation to enable theft protection.

⁵Not all Accessories and Integrated Options will be available at launch. Accessories and Integrated Options may vary depending on your configuration.

⁶Please consult your reseller or Panasonic representative for RFID availability.

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

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