

# THE TOUGHBOOK H1

## **Rugged Mobile Clinical Assistant (MCA).**

In your world, you have to know things they can't tell you. When the pressure is high, the hours are long, and contact with germs and viruses is inevitable, you need a reliable and secure mobile computer that can keep up with a rigorous day in the ER. The ultra-mobile-rugged Panasonic Toughbook® H1 is built specifically for the healthcare industry. This fully-sealed mobile clinical assistant device is easily sanitized to prevent the transfer of disease throughout the facility. From the hospital to home care, the Toughbook H1 runs a full Windows® OS (XP or Vista®) seamlessly in a compact and lightweight design. Plus, with long-lasting hot-swappable twin batteries, the Toughbook H1 endures demanding shifts without slowing you down.



**TOUGHBOOK®**



Panasonic recommends Windows Vista® Business.

# THE NEW PANASONIC TOUGHBOOK H1.

## DURABILITY FEATURES

- Designed to meet MIL-STD-810F and IP54<sup>1</sup>
- 3-foot drop approved
- Alcohol wipe-resistant surface
- Sealed, easily sanitizable design
- Rain-, spill-, dust- and vibration-resistant
- Integrated handle and ergonomic rubber hand strap

## SOFTWARE

- Genuine Windows Vista® Business (with XP Tablet downgrade option)
- Cleaning Reminder Tool, Panasonic Dashboard, Signature Capture, Setup, Diagnostics, PC Information Viewer, Online Reference Manual, Adobe® Reader, Keyboard Button Manager, Hard Disk Data Erase Utility, Recovery DVD

## CPU

- Intel® Atom™ Processor Z540
- Processor speed 1.86GHz
- 512KB L2 cache
- 533MHz FSB

## STORAGE & MEMORY

- 1024MB SDRAM (DDR2)<sup>2</sup>
- 80GB shock-mounted drive<sup>3</sup>

## DISPLAY

- 10.4" dual touch 1024 x 768 XGA daylight-viewable TFT active matrix LCD
- Intel® SCH (GMA 500 video controller) max. 256MB UMA VRAM<sup>4</sup>
- Anti-glare, anti-reflective screen treatments
- 500 nit LCD brightness

## AUDIO

- Analog Devices AD1883 compliant audio codec
- Intel® high-definition audio compliant
- Integrated speaker

## KEYBOARD & INPUT

- Dual touch LCD (touchscreen and digitizer)
- Integrated stylus holder
- 74-key on-screen keyboard with dedicated Windows® key
- 3 user-defined programmable buttons (only 2 with optional barcode reader)

## INTERFACE

- Docking connector                      Dedicated 19-pin

## 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

## POWER SUPPLY

- Twin hot-swappable lithium ion battery packs (typical 2900mAh, nominal 2750mAh each battery)
- Battery operation: Approximately 6 hours<sup>5</sup>
- Battery charging time: 7 hours off, 10 hours on<sup>5</sup>
- 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
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent in BIOS<sup>6</sup>
- Fingerprint reader
- Contactless SmartCard reader (ISO 14443 type A/B Compliant)

## INTEGRATED FEATURES

- RFID reader (ISO 15693 Compliant)
- 2.0MP camera with auto focus and dual LED light
- Fingerprint reader

## WARRANTY

- 3-year limited warranty, parts and labor

## DIMENSIONS & WEIGHT

- 10.4" (L) x 10.6" (W) x 1.3-2.3" (H)
- Approximately 3.4 lbs. (with handle, strap and both batteries)

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

- 2D barcode reader (reads 1D and 2D)
- Global Mobile Broadband Internet
  - Gobi™ Technology (EV-DO Rev. A, HSPA)
- Global positioning system (GPS) receiver



- Fully-rugged durability for healthcare use with sealed fanless design for easy sanitization
- Long-life hot-swappable twin batteries provide limitless hours of use
- Built-in camera, RFID reader and optional barcode reader
- Lightweight, ergonomic design with carry handle and hand strap
- Daylight-readable 10.4" dual touch display
- Complete range of integrated wireless features: Wi-Fi, Bluetooth®, optional Gobi™ 3G and GPS

## ACCESSORIES<sup>7</sup>

- |   |             |
|---|-------------|
| • AC Adapter (3-pin)  | CF-AA1633AM |
| • 4-bay Battery Charger   | CF-VCBU11U  |
| • Lithium Ion Battery Pack                                      | CF-VZSU53W  |
| • Replacement Stylus (with tether hole & pocket clip)           | CF-VNP016U  |
| • InfoCase H1 Shoulder Strap                                    | TMH1-MS-P   |
| • Desktop Cradle / Spare 2-Bay Battery Charger                  | CF-VEBH11U  |
| • 10.4" LCD Protector Film                                      | CF-VPF13U   |
| • Gamber Johnson Universal Mounting Solutions Full Connectivity | 7160-0166   |
| • Gamber Johnson Universal Mounting Solutions (no electronics)  | 7160-0167   |

Please consult your reseller or Panasonic representative before purchasing.

<sup>1</sup>Stylus is not IP54 compliant.

<sup>2</sup>Total usable memory will be less depending upon actual system configuration.

<sup>3</sup>1GB = 1,000,000,000 bytes.

<sup>4</sup>Max with standard RAM. The size of the VRAM cannot be set by the user and varies by operating system as well as size of RAM.

<sup>5</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>6</sup>Requires software and activation to enable theft protection.

<sup>7</sup>Not all Accessories and Integrated Options will be available at launch. Accessories and Integrated Options may vary depending on your configuration.

1.800.662.3537 / [panasonic.com/toughbook/H1](http://panasonic.com/toughbook/H1)

Financing options now available from Panasonic Finance Solutions; please call number above for more details.

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