Panasonic
ideas for life

THE TOUGHBOOK H1 HEALTH

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 Health 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 Health runs a full OS (Windows® 7 Professional[1]) seamlessly in a compact and lightweight design. Plus, with long-lasting hot-swappable twin batteries, the Toughbook H1 Health endures demanding shifts without slowing you down.

IP65

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Panasonic
CF-H1

TOUGHBOOK

TOUGHBOOK®

THE NEW PANASONIC TOUGHBOOK H1 HEALTH.

DURABILITY FEATURES	• Designed to meet MIL-STD-810G • 3-foot drop rating • IP65 certified[2] • CCX Certified v4 • Alcohol wipe-resistant surface • Sealed, easily sanitizable design • Rain, spill, dust and vibration-resistant • Integrated handle and ergonomic rubber hand strap • Reinforced locking port covers
SOFTWARE	• Genuine Windows® 7 Professional[1] • Panasonic Utilities (including Dashboard and Cleaning Reminder Tool), Recovery DVD
CPU	• Intel® Atom™ Processor Z540 (1.86GHz, 512KB L2 Cache, 533MHz FSB)
STORAGE & MEMORY	• 2GB SDRAM (DDR2) standard[3] • 80GB shock-mounted flex-connect drive[4]
DISPLAY	• 10.4" dual touch 1024 x 768 XGA daylight-readable LCD • Intel® SCH (GMA 500 video controller) max. 256MB UMA VRAM[5] • 500 nit LCD brightness • Anti-glare, anti-reflective screen treatments
AUDIO	• 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 • Up to 5 user-defined programmable buttons (varies by model)
INTERFACE	• Docking connector Dedicated 19-pin

WIRELESS	• Optional integrated Gobi™2000 mobile broadband
	• Intel® Wireless WiFi Link 5100 802.11a/b/g/n
	• Bluetooth® v2.1 + 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: 6 hours (with both batteries)[6]
	• Battery charging time: 5.5 hours off, 5.5 hours on[6]
	• 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[7] • Fingerprint reader[8] • Contactless SmartCard reader[8]
INTEGRATED FEATURES	**H1 HEALTH LITE** • Optional Gobi™2000 mobile broadband (EV-DO Rev. A, HSPA) • Optional GPS receiver **H1 HEALTH** • 2MP camera with auto focus and LED light • 13.56MHz Contactless RFID and SmartCard reader – ISO 15693 and 14443 A/B compliant • Fingerprint reader • Optional barcode reader • Optional Gobi™2000 mobile broadband (EV-DO Rev. A, HSPA) • Optional GPS receiver

SAFETY CERTIFICATIONS

• IT Equipment Safety (EN:EU, UL:US)	EN/IEC 60950-1 UL 60950-1
• Medical Electrical Equipment Safety (EU)	EN/IEC 60601-1 (with battery operation)
• Medical Electrical Equipment Safety (Canada)	CAN/CSA-C22.2 No.601.1-M90
• IT Equipment EMI (US)	FCC CFR 47 P.15 Sub B-Class B
• IT Equipment EMI (EU)	EN 55022/CISPR 22-Class B
• IT Equipment EMS (EU)	EN 55024
• Industrial EMI (EU)	EN 55011/CISPR 11-Class B
• Radio (US)	FCC CFR 47 P.15 Sub C
• Radio (Canada)	RSS-210
• SAR (US)	FCC CFR 47 P.2

1.800.662.3537 / panasonic.com/toughbook/H1-Health

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

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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

Wi-Fi, Bluetooth®, Optional Gobi™ Mobile Broadband and GPS

WARRANTY
• 3-year limited warranty, parts and labor

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

ACCESSORIES[9]

• AC Adapter (3-pin)	CF-AA1633AM
• 4-bay Battery Charger	CF-VCBU11U
• Lithium Ion Battery Pack	CF-VZSU53W
• LIND Car Adapter 120W	CF-LNDDC120
• LIND Car Adapter 120W Mounting Bracket	CF-LNDBRK120
• LIND Car/AC Adapter 90W (with USB port)	CF-LNDACDC90
• LIND Car Adapter 90W MIL-STD	CF-LNDMLDC90
• LIND Shutdown Timer	CF-LNDLPT
• InfoCase H1 Shoulder Strap	TBCH1SSTP-P
• InfoCase H1 Inversion Strap	TBCH1SSINV-P
• InfoCase H1 Always-on Sleeve	TBCH1SLVE-P
• InfoCase U1/H1 Battery Pouch	TBCU1BPCH-P
• Desktop Cradle / Spare 2-Bay Battery Charger	CF-VEBH11BU
• Magnetic Micro-dock (USB x2, LAN)	CF-VEBH12U
• Replacement Stylus (with tether hole and pocket clip)	CF-VNP016U
• 10.4" LCD Protector Film	CF-VPF13AU
• Gamber-Johnson Docking Station (no pass-through)	7160-0166
• Gamber-Johnson Docking Cradle (no electronics)	7160-0167

Please consult your reseller or Panasonic representative before purchasing.

[1] A full set of Windows XP drivers are available at panasonic.com/toughbook/support.

[2] Tested by a national independent third party lab following IEC 60529 Sections 13.4, 13.6.2, 14.2.5 and 14.3 for IP65. Stylus has passed IP65 testing but has not been certified.

[3] Total usable memory will be less depending upon actual system configuration.

[4] 1GB = 1,000,000,000 bytes.

[5] 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.

[6] 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.

[7] Requires software and activation to enable theft protection.

[8] Not available on H1 Health Lite model.

[9] Accessories may vary depending on your configuration.

*Actual product may vary depending on model.

TOUGHBOOK