



## TOUGHBOOK CF-H2 HEALTH

### IMPROVING OPERATIONAL EFFICIENCY IN HEALTHCARE.

As the long-standing market leader for robust and reliable mobile devices, Panasonic has developed the Toughbook CF-H2 Health in close cooperation with existing healthcare customers and industry leaders. The first in its category to feature the Intel® Core™ i5 Processor 3427U and has been perfectly designed to meet the requirements of medical professionals needing to access and document up-to-date patient information at the point of care. All of this makes the Toughbook CF-H2 a unique tool. Unique in its ability to optimize the way healthcare professionals work - wherever and whenever that might be.

- Intel® Core™ i5-3427U vPro processor
- Genuine Windows® 7 Professional
- Intel HD 4000 graphics
- Extremely bright 10.1" transfective plus LCD with Touchscreen or Dual Touch
- Easy to clean/disinfect and meets Hospital Safety Certifications\*
- Water and dust resistant (IP65)\*\*
- Drop resistant from a height of 90cm
- Lightweight form factor - weighing only 1.58kg
- Dual hot swappable batteries providing up to 7 hours battery life
- USB 3.0 SuperSpeed, LAN and Serial Port (depends on model)
- Integrated Barcode Reader options
- Smartcard Reader optional
- Camera, GPS or RFID optional

\* Safety Certifications list available at [www.toughbook.eu](http://www.toughbook.eu)

\*\* Tested by an independent third party lab following MILSTD- 810G and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14.3.



# MOBILE BUSINESS EXCELLENCE.

With its fanless design and sealed ports the CF-H2 Health is easy to disinfect and meets Hospital Safety Certifications\*. The CF-H2 Health is a secure and intuitive platform for barcode medication administration (BCMA), vitals capture and electronic medical records (EMR) capture and review - all at the point of care.



Mobile Computing Platform	Intel® Core™ i5-3427U vPro™ processor (1.8GHz, 3MB Intel® Smart Cache, Intel® 7 series Express chipset QM77)	
Operating System	Genuine Windows® 7 Professional	
RAM	4GB DDR3L SDRAM (max. 8GB)	
Graphic Chip	Intel® HD Graphics 4000, UMA (Windows® 7 64bit max 1696MB, 32bit max 1547MB)	
Storage	320GB HDD (SATA) or 128GB SSD (Contact Smartcard Reader Model)	
LCD	10.1" sunlight-viewable transfective plus XGA Active Matrix (TFT) colour LCD (up to 500cd/m <sup>2</sup> transmissive and 6.500cd/m <sup>2</sup> reflective brightness, depending on light conditions) and ambient light sensor	
Casing	Alcohol Wipe Resistant Casing	
Bluetooth™	Version 4.0 + EDR Class 1, Continua certified	
WLAN	Intel® Centrino® Advanced-N 6235 802.11 a/b/g/n compliant	
Sound	WAVE and MIDI playback, Intel® High Definition Audio subsystem support, Monaural Speaker	
Input Devices	Resistive Touchscreen or Dual Touch (resistive Touchscreen & Digitizer) 3 user-defined programmable buttons (2 in models with BCR option)	
LEDs	Power, Battery 1 charge status, Battery 2 charge status, HDD status, RFID status	
Interfaces	External Display:	None (available at optional Cradle)
	Serial: (RS232C)	x1
	LAN:	x1 (depends on model)
	USB 3.0:	x1 (2nd USB 2.0 depends on model, eliminates LAN)
	Docking connector:	x1 Cradle I/O
DC-IN:	x1	
Security	TPM (Trusted Platform Module, TCG V1.2 compliant)	
Power	AC Adaptor:	Input: 100 V-240 V AC, 50 Hz/60 Hz, Output: 16 V DC, 3.75 A
	Battery Pack:	Li-ion 7.2V, 3400 mAh x2 packs hot swappable
	Operating Time:	Approx. 7 hours (MobileMark™ 2007, 60cd/m <sup>2</sup> LCD brightness)
Dimensions (WxHxD)	274mm × 268mm × 58mm {10.8" × 10.6" × 2.3"}	
Weight	Approx. 1.58kg {Approx. 3.5lb} (including the hand strap)	
Optional Features	Barcode Reader	
	3G Mobile Broadband (HSPA+, 21Mbps)	
	Combined Contactless Smart Card (ISO 14443 Type A/B) and RFID (ISO 15693)	
	Contact Smartcard Reader	
	3MP Camera with Autofocus and LED light	
	GPS	
Accessories	Fingerprint Reader	
	AC Adaptor:	CF-AA6373A
	Battery Pack:	CF-VZSU53A
	4 Bay Battery Charger:	CF-VCBU11U
	Car-Charger	CF-LND80S-FD (Type A, 80W, 12-16VDC) CF-LND8024FD (EIAJ & Type A both 80W, 12-32VDC)
	Cradle (White):	CF-VEBH21U
	Carrying Solutions:	Please visit <a href="http://www.toughbook.eu">www.toughbook.eu</a>
Testing Standards	Water resistance test:	IEC529 (JIS C0920) IPX5, MIL-STD 810G 506.5, I & III**
	Dust resistance test:	IEC529 (JIS C0920) IP6X, MIL-STD 810G 510.5, I & II**
	Gravity drop resistance test	90cm

Specification and configuration may vary depending on country. Accessories may vary depending on your notebook configuration. All Specification are subject to change without notice. Consult a Panasonic sales office near you for more details and availability of integrated options. The pictures in this brochure show a model with integrated barcode reader. \*Certification list available upon request. Send an e-mail to [mca@toughbook.eu](mailto:mca@toughbook.eu) for further information. As an ENERGY STAR® Partner, Panasonic Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. Active Matrix colour display conforms to industry standards. Some displays may contain isolated illuminated or dark pixels as an artefact of the manufacturing process (effective pixels: minimum 99.998%). RAM capacity calculated as follows: 1MB = 1,048,576 bytes. HDD capacity calculated as follows: 1GB = 1,000,000,000 bytes. Panasonic and Toughbook are brand names and registered trademarks of Panasonic Corporation. Acrobat® is a registered trademark of Adobe® Systems Incorporated. Intel, the Intel logo, Intel Core, Intel vPro, Core Inside and vPro Inside are trademarks of Intel Corporation in the U.S. and/or other countries. Microsoft® and Windows® are registered trademarks of Microsoft® Corporation of the United States and/or other countries. All other brand names shown are the registered trademarks of the relevant companies. All rights reserved. All working conditions, times and figures quoted are optimum or ideal levels and may differ as a result of individual and local circumstances. Computer Product Solutions (CPS) BU, Panasonic System Communications Company Europe (PSCEU), Panasonic Marketing Europe GmbH, Hagenauer Straße 43, 65203 Wiesbaden (Germany).

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 \*\* Tested by an independent third-party lab following IEC 60529, sections 13.4, 13.6.2, 14.2.5, 14.3