

Windows®. Life without Walls™.
Panasonic recommends Windows 7.

Panasonic
ideas for life



IMPROVING OPERATIONAL EFFICIENCY FOR HEALTHCARE PROFESSIONALS.

PANASONIC MCA TOUGHBOOK CF-H1.

As the long-standing market leader for robust and reliable mobile devices, we have developed the new Toughbook CF-H1 in close cooperation with existing customers and the Intel Digital Health Group. This Mobile Clinical Assistant is the first of its kind in the world with the high-performance Intel® Atom™ Processor Z540 and has been perfectly designed to meet the requirements of nurses and physicians to access and document up-to-date patient information at the point of care or while on the go. "I consider the development of the MCA as extremely important. I am delighted that Panasonic valued the contribution of nurses to develop a hardware which supports nursing staff in their practice", says Barbara Stuttle CBE, National Clinical Lead for Nursing.

- Based on Intel® Atom™ Processor Z540
- Genuine Windows® 7 Professional
- 10.4" XGA LCD with Dual Touch
- Easy to clean/disinfect and meets Hospital Safety Certifications*
- Drop resistant from a height of 90cm
- Rugged and lightweight form factor - weighing only 1.5kg
- Dual hot swappable batteries providing up to 6 hours battery life

* Safety Certifications list available at www.toughbook.eu



TOUGHBOOK

When it's worth doing better.

www.toughbook.co.uk

MOBILE BUSINESS EXCELLENCE



With its fanless design and sealed ports the CF-H1 is easy to disinfect and meets Hospital Safety Certifications*. The CF-H1 MCA allows doctors and nursing staff to benefit from instant access to medical records, accurate documentation of patient conditions and medication and subsequently leading to higher operational efficiency for Healthcare Professionals.



CPU	Intel® Atom™ Processor Z540 (1.86GHz, 512KB L2 cache, 533MHz FSB)	
Operating System	Genuine Windows® 7 Professional (Downgrade option to Windows XP Tablet PC SP3)	
Chipset	Intel® System Controller Hub	
RAM	2GB DDR2 SDRAM	
VRAM	Max. 256MB	
Storage	80GB HDD (1.8" SATA) or SSD 64GB (Contact Smart Card Reader model)	
LCD	10.4" (TFT) color LCD with touchscreen, 1024 x 768 pixel (XGA)	
Casing	Alcohol Wipe Resistant Casing	
Bluetooth™	Version 2.1 + EDR	
WLAN	Intel® Wireless WiFi Link 5100 Series (802.11a/b/g/n)	
Sound	Intel® High Definition Audio Interface 24 bit full duplex stereo, AC97 Rev2.3 Compliant, Monaural Speaker, WAVE and MIDI playback	
Input Devices	Dual Touch LCD (Touchscreen and 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 via optional cradle)
	Serial (RS232C)	None (available via optional cradle)
	LAN	None (available via optional cradle)
	USB 2.0	None (available via optional cradle)
	Docking connector	1x Cradle I/O
	DC-IN	1x
Expansion Slots	Contact Smart Card: 1x (Contact SCR model)	SD/SDHC Memory Card: None
	Camera	2 MPixel Camera with Autofocus and single LED Light
	RFID Reader	ISO 15693
Security	TPM (Trusted Platform Module, TCG V1.2 compliant) Contactless Smartcard Reader ISO 14443 type A/B Fingerprint Reader	
Power	Power Consumption	Approx. 30W
	AC Adaptor	Input: 100V-240V AC, 50Hz/60Hz, Output: 16V DC, 3.75A
	Battery	2x Li-ion (7.2V, 2900mAh, 2-cell pack), hot swappable
	Battery life	Approx. 6h (Mobile Mark™ 2007, 60cd/m2 LCD brightness)
	Charging time	Power On: approx. 2.8h (1 Battery Pack), 5.5h (2 Battery Packs) Power Off: approx. 2.8h (1 Battery Pack), 5.5h (2 Battery Packs)
Software	Adobe Reader 8, PC Information Viewer, Keyboard Button Manager, Intel® PROSet / Wireless WiFi Connection Utility, Bluetooth™ Stack for Windows® by TOSHIBA, Wireless Switch Utility, Battery Recalibration Utility, Infineon TPM Professional Package, MCA middleware	
Dimensions (WxHxD)	264mm x 268mm x 34-58mm / 10.4" x 10.6" x 1.3-2.3" (including hand strap)	
Weight	Approx. 1.5kg/3.4lbs (including hand strap)	
Optional Features	3G Mobile Broadband (HSPA, 7.2Mbps) GPS Barcode Reader (2D, 1D Barcode is also readable)	
Accessories	Additional AC Adaptor	CF-AA1633A
	Battery Pack	CF-VZSI153W
	Bay Battery Charger	CF-VCBU11U
	Cradle	CF-VEBH11AU



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 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, Intel Atom, and Intel Health are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and 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. Panasonic Marketing Europe GmbH, Panasonic Computer Products Europe Headquarters, Hagenauer Straße 43, 65203 Wiesbaden (Germany).