The New Panasonic Toughbook CF-H2 Tablet Sets New Standards in Ease of Use, Connectivity and Productivity for Health Workers

RealWire

Bracknell, UK. July 25, 2011 – Panasonic today launched the Toughbook CF-H2, its second generation, fully rugged tablet PC designed specifically for health workers. Setting new standards in ease of use, connectivity and productivity, the CF-H2 is a lightweight, water-resistant, shock and drop-tolerant and easily disinfected tablet device that meets the highest demands for mobility and networking within clinical environments. It allows doctors and nursing staff to benefit from instant access to medical records at the point of care, accurate documentation on patient conditions and medication, and enables greater efficiency of clinical processes.

With the latest Intel® CoreTM i5-2557M (1.7GHz) Ultra Low Voltage processor with vProTM and the Intel® HD 3000 graphics for enhanced multimedia capabilities, the Toughbook CF-H2 performance has been improved more than 400%*over its CF-H1 predecessor. The CF-H2 is ideal for power hungry healthcare applications such as Electronic Patient Records (EPR) and Patient Administration Systems (PAS). RAM has also been raised to 2 gigabyte as standard, with up to 6 gigabyte optional, and it comes with a 160 gigabyte hard disk drive as standard with 128 gigabyte SSD as an option.

Toughbook CF-H2 Health

Working closely with existing customers within the healthcare market, Panasonic has created a 2nd generation device that is the ultimate tool for medical staff.

Clean, reliable and durable

The CF-H2 has also been designed for easy disinfection, reducing the risk of infections being spread from patient to patient. Maintaining its fanless design, limiting the opportunity for germs to be transported by the device, the CF-H2 Health model features a smooth surface with sealed buttons and no exposed ports.

Panasonic has also developed a special exterior case material, which can withstand frequent alcohol wipes. To further aid in disinfection, a Panasonic-designed software utility can be programmed to remind users to wipe the unit down at defined intervals and automatically records a successful cleaning for the hospital's permanent records.

The CF-H2 remains the toughest rugged tablet in its range. It is drop tested to 90cm and has water, dust, vibration and temperature protection.

Ergonomically designed for clinicians
The CF-H2 is designed for clinicians who need to multi-task whilst holding the device in one hand. Lightweight rugged design (approx. 1.58kg**), with an easy-to-grab handle, the fanless device maintains a low surface temperature using its unique heat dissipation system and is available as a dual touch (digitizer and touchscreen) and touchscreen model.

The best screen visibility on the market
The CF-H2 always ensures the screen delivers just the right level of brightness for optimum viewing whatever the conditions, inside or out. To achieve premium visibility the CF-H2 uses a 10.1" display with Panasonic Transflective Plus technology. This operating mode helps to reduce power consumption and enhance battery life as no backlight is required in bright environments. This results in a massive enhancement of up to 6,000nit equivalent of transflective brightness under a 200K lx environment.

Functionality to fit every purpose
For maximum productivity around the hospital, medical staff need to perform a wide range of tasks. The CF-H2 is ideally suited. Optional Barcode readers are available to assist with data capture requirements.

For taking photos, the CF-H2 Health features an optional auto focus, 2.0 megapixel camera with one LED light.

For Using Audio Applications whilst working, the CF-H2 features a front speaker to enhance audio capability.

Healthcare workers often need interfaces to connect devices and peripherals for data capture and communication purposes. The CF-H2 is perfectly positioned to fulfill this requirement with a USB 2.0, LAN and serial port (optional 2nd USB 2.0 port in lieu of LAN port) available directly integrated within the device.

The CF-H2 also has all the options covered to ensure medical data is secure. Quick user authentication can be achieved using the optional fingerprint reader enhanced security. There is an optional contactless smartcard reader, which is compliant with ISO 14443 type A and type B, or an integrated, contact smartcard reader*** covered and sealed with it own latch for maximum protection and security.

Built to stay connected on the move
Ensuring medical workers can always stay in touch when on the move, the

Toughbook CF-H2 offers WLAN, 3G (optional), Bluetooth and GPS (optional) for navigation and job scheduling. To improve data transfer capability, the Ericsson F5521gw HSPA+ module with wireless ready connection manager can be integrated as an option, significantly increasing download speeds up to 21Mbps. Available upon request, the device can also be switched into Anti-Theft-Protection mode by utilizing the latest Intel® ATP technology.

The power to last
To ensure that medical workers have a device that can work for as long as they do, even when access to power is lost, the CF-H2 can operate for up to 6.5 hours (MobileMarkTM 2007, 60nit) running on Windows® 7 by using the hot swappable, high-capacity twin-batteries developed internally by the Panasonic battery division. The CF-H2 charges its 2 batteries at the same time, in a rapid parallel mode, for quicker charge times (approx 3 hours).

All units also use the Panasonic Power Management Utilities technology to maximize power efficiency by managing the power of all relevant resources required by the CPU depending on each task or by definition of individual user profiles.

Improved system start-up
To maximise the efficiency of health workers, the CF-H2 also includes Panasonic's Quick Boot Manager which can reduce the boot-up time of the device down to approximately 15 seconds****.

"This next generation Toughbook CF-H2 for the health sector is the ultimate rugged medical tablet," said Stephen Yeo, Panasonic Toughbook European Marketing Director. "Listening closely to our existing customers, we have built a second generation device that is more powerful, easier to use and with more functionality than any comparable device on the market whilst maintaining all the essential health features required from clinicians in a busy medical environment."

Compatibility that counts
To ensure existing customers can continue to use existing peripheral equipment, the new CF-H2 is compatible with many of the CF-H1 peripherals such as docking stations in order to provide long-term product lifecycle stability.

Backed by outstanding service
Every Toughbook comes with a 3-year warranty covering hardware failures for systems used as designed; with a 96-hour repair commitment and a 5-year spare parts guarantee.

Availability and pricing
The CF-H2 Health range is available from September 2011, starting at €1949 MSRP (excluding vat).

* PC Mark 2005
** Depending on configuration
*** Only Available on SSD model
**** Factory operating system image with user specific Quick Boot settings, SSD

model

About Panasonic Toughbook
Panasonic Toughbooks are designed to give mobile workers in challenging environments reliable and secure access to their data and applications. Toughbooks are designed to overcome the situations where traditional mobile PCs fail including vibration, knocks, water, dust, disinfectants, sunlight, battery life, and one-handed operation. By finally giving workers access to IT in challenging environments, business processes, productivity and customer experience can be dramatically improved. Panasonic Toughbook made its first rugged mobile PC in 1994 and today has a 65% share of the European Durable and Rugged notebook computer market (unit sales 2010, VDC Research, March 2011).

Panasonic Corporation is a worldwide leader in the development and manufacture of electronic products for a wide range of consumer, business, and industrial needs. Based in Osaka, Japan, the company recorded revenue of €67.14B for the year ended March 31, 2010. The company's shares are listed on the Tokyo, Osaka, Nagoya and New York (NYSE: PC) stock exchanges.

For further information visit www.toughbook.eu [1].

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