

Two New Devices from the HP iPAQ Series Include TI Wireless Solutions for Maximum User Mobility and Productivity

July 26 2004

[Texas Instruments Incorporated \(TI\)](#) (NYSE:TXN) announced today that a range of TI wireless solutions, including [Bluetooth®](#) wireless technology, OMAP™ processors and 802.11 wireless LAN ([WLAN](#)) technology, will be included in two new converged mobile devices from the HP iPAQ Pocket PC series. TI's leadership in converging wireless networking technology delivers power-efficient, versatile connectivity to consumers.

Incorporating TI wireless technologies, the HP iPAQs address a range of market segments and connectivity requirements to deliver seamless connectivity across multiple networks. TI's technology will allow iPAQ users to simultaneously utilize the WLAN and Bluetooth wireless technology features of their handheld without sacrificing battery-life, size or cost. TI's integrated technology is included in the HP iPAQ h6300 Pocket PC and the HP iPAQ hx4700 Pocket PC.

"We are delighted that HP is continuing to work with TI to deliver converged devices to consumers," said Remi El-Ouazzane, TI Mobile Connectivity Solutions business manager. "TI's flexible approach to integrating multiple wireless technologies as well as its interoperable solutions for all system components provide enhanced system performance to customers."

TI's WLAN/Bluetooth wireless coexistence package leverages TI's

ability to provide a solution that meets the low-power, small-form size and voice-centric needs required by users in a mobile device. The HP iPAQ h4150 and h4350 currently use TI's WLAN and Bluetooth wireless technologies (view press release at www.ti.com/wireless).

"HP recognizes that the convergence of wireless networking technologies is one of TI's strengths," said John Brandewie, marketing manager for converged devices, Personal Systems Group at HP.

"Working with TI allowed us to seamlessly integrate wireless capabilities to deliver the service and feature combinations necessary to meet the varying needs of the converged mobile device market."

The HP iPAQ h6300 Pocket PC cellular device includes the OMAP1510 processor and features a simultaneous Bluetooth wireless voice and WLAN data connection. This allows the user to make voice calls while browsing the web and to enjoy other Bluetooth-enabled functions such as printing and headset listening, without sacrificing battery life. The h6300 leverages the low-power enhancements made in the TNETW1100B WLAN chipset and BRF6100 single-chip Bluetooth wireless solution. The TNETW1100B utilizes TI's ELPTM low-power technology, while the BRF6100 uses TI's Digital Radio Processing architecture (DRP) which results in significant reductions in power, size and cost.

The HP iPAQ hx4700 Pocket PC includes the TNETW1100B mobile 802.11b platform and BRF6150, TI's latest single-chip Bluetooth wireless solution. The BRF6150 offers improved RF performance, power management and integration for wireless handsets, and is the first mobile device with full Bluetooth specification v1.2.

Maximum User Mobility and Productivity (2004, July 26) retrieved 19 April 2024 from <https://phys.org/news/2004-07-devices-hp-ipaq-series-ti.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.