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The Wireless Multimedia LAN: Requirements and Outlook

By Kurt Scherf, Vice President, Principal Analyst, and Harry Wang, Research Analyst

4Q 2006

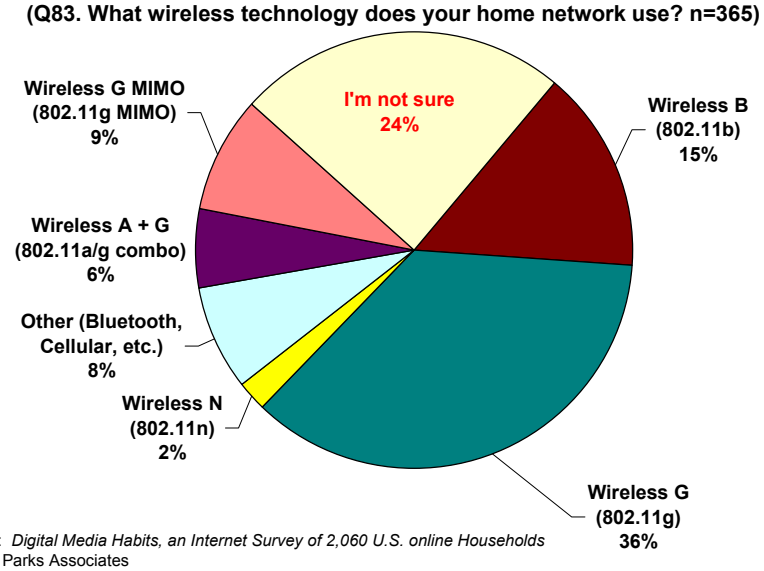
Synopsis

This comprehensive report probes the features and applications of next-generation Wi-Fi 802.11n technology, examines market requirements for wireless multimedia networking, compares & contrasts competing technologies, analyzes industry issues and the competitive landscape, and predicts market size and demand for a variety of wireless multimedia applications, including home networking equipment, computers, and fixed and mobile entertainment CE devices.

Publish Date: Dec 06

Wireless Technologies in Networked Households

Types of Wireless Technologies Used (August, 2006)
(Q83. What wireless technology does your home network use? n=365)



Source: *Digital Media Habits, an Internet Survey of 2,060 U.S. online Households*
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"802.11n will emerge as a stable Wi-Fi standard in 2008 and gradually replace 802.11g as the dominant Wi-Fi choice for wireless home networking," said Harry Wang, research analyst, Parks Associates. "The fact that consumers favor wireless access for the home network, coupled with 802.11n's technical merits, such as higher throughputs and more robust QoS, will power the growth of new entertainment platforms such as digital media adapters and wireless TV set-top boxes."

Contents

The Bottom Line *is a concise, executive-level summary of the current state of the market, evolutionary path, and the implications for companies doing business in this space.*

A Parks Associates' **Resource Book** *contains a wealth of consumer survey data and company profiles—a must-have reference for product/market planning.*

The Bottom Line

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Resource Book

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AMIMON
Atheros Communications Inc.
Broadcom Corp.
Marvell Technology Group Ltd.
Metalink Ltd.
Ralink Technology Corp.
Ruckus Wireless
SiBeam

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Sigma Designs
Tzero
WiQuest

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The Bottom Line

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Resource Book

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Broadcom Corp.: Chipset Solution(s)
Marvell: Chipset Solution(s)
Metalink Ltd.: Chipset Solution
Ralink Ltd.: Chipset Solution
Ruckus Wireless: Technology
Sigma Designs: Technology
Tzero Technology: Technology Solutions

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Published by Parks Associates

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Dallas, Texas 75230

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Printed in the United States of America.

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