In-Stat

In-Depth Analysis

Home Network Technology & Connectivity Use: Ethernet, 802.11, Coax, and Powerline

SKU: IN0904631RC
Analyst: Joyce Putscher
jputscher@reedbusiness.com
+1.360.504.0190
September 2009

Report Summary

Based upon the results of our North American broadband survey, the majority of consumers with a home network that use Wi-Fi are still not very/not at all familiar with the benefits and differences between 802.11g and 802.11n. Although this may limit upgrades in the short term, the older Wi-Fi standards will be discontinued eventually anyway. Other wired technologies that use coax, phone wiring, and powerline are also beginning to make strides with telcos deploying telco TV services.

The number of home LAN physical layer interface shipments will surpass 500 million in 2010, and the installed base of home networks will surpass 300 million in 2011.

Global and regional forecasts are provided for home networks, with North America, Europe, and Asia/Pacific broken down by use of Ethernet, Gigabit Ethernet, 802.11a, 802.11b, 802.11g, 802.11n, and other wired solutions. In addition, global home network interfaces by physical layer are included, since the majority of network-enabled devices have both wired and wireless connectivity options.

HIGHLIGHTS

- No progress in awareness of the benefits/differences between 802.11g and n vs. last year, but 802.11n users increased from 3.8% to 6.4%.
- Home networks will surpass 300 million in 2011.
- Worldwide home LAN PHY interface shipments will surpass 500 million in 2010.
- Asia/Pacific will lead in Wi-Fi home network penetration by 2012.

What's in the Report?

- Worldwide and regional home network forecasts: North America (Canada and US splits), Europe, Asia/Pacific (Japan, China, and balance of AP for 3 splits), and ROW (Rest of World)
- Size and growth of regional home networks by type of wired/wireless LAN technology use
- Consumer survey data about use of wired/wireless LAN technology use
- Size and growth of LAN physical layer interfaces

Companies Mentioned in this Report

- 2Wire
- Alcatel
- Arkados
- AT&T
- Broadcom
- Cisco and Linksys
- CopperGate
- D-Link

- DS2
- Entropic
- Gigle Semiconductor
- Hitachi
- Infineon
- Ikanos
- Intel
- Intellon
- Motorola
- Mototech
- Netgear
- Panasonic
- Pulse Link
- SPiDCOM
- Spirent
- STMicro
- Tellabs
- Texas Instruments
- Verizon
- Westell

Whose Needs Does This Report Address?

- Companies that provide broadband access products
- Companies that provide home networking equipment products
- Broadband service providers
- Equipment and semiconductor manufacturers
- Wi-Fi Alliance at http://www.wi-fi.org/our_members.php
- HomePlug Alliance at http://www.homeplug.org/about/roster/
- HomePNA Alliance at http://www.homepna.org/about/members/
- Multimedia over Coax Alliance (MoCA) at http://www.mocalliance.org/aboutus/ourmembers.php
- Semiconductor vendors in specialized technology areas (Entropic, CopperGate, Intellon, etc. i.e. leads used for the coax/phoneline report and the powerline networking reports)

What Questions Does This Report Answer?

- What are the market sizes by region for home networks?
- What are the levels of use of various types of wired and Wi-Fi technologies in home networks? What are the regional differences?
- What are the current consumer interests and perspectives about these various technologies?
- What is the worldwide size and growth of home LAN PHY (physical interface) shipments by LAN category?

Table of Contents

List of Tables

List of Figures

Return to Table of Contents

ORDER FORM

Report Title: **Home Network Technology & Connectivity Use: Ethernet, 802.11, Coax, and Powerline**

Sku: IN0904631RC

Price: $2995.00

Customer Name: _____

Business Title: _____

Company: _____

Address: _____

City: _____

State: _____

Zip: _____

Country: _____

Email Address: _____

Phone: _____

Fax: _____

Cell: _____

Payment Method: ☐ Check Enclosed Check Number: _____

☐ Please Bill Me – PO Attached PO Number: _____

☐ Credit Card Type: Choose One

Card Number: _____

Exp Date: _____

Credit Card Information: ☐ Same As Above

Name: _____

Address: _____

City: _____

State: _____

Zip: _____

Signature: _____

Please print the order form and fax to: 303-265-2181

Additional Contacts | epotter@reedbusiness.com | chris.murray@reedbusiness.com | 480-483-4440