

New Products

Ubiquitous TV via the Internet

Described as a convergence STB, the UTV Bono from Ubicod comprises HD TV, Media Center, PVR and "Take-out TV." Connected to a TV signal and a PC via Ethernet the UTV Bono allows users to access live TV or multimedia files stored on a



home PC anywhere in the world as long as they are connected to the Internet.

Users can also watch HD TV through the Bono in home and record them live or via time shift onto the embedded HDD. When UTV Bono is connected with a home PC via Ethernet, multimedia files such as movies, clips and photos on the PC can be viewed on a large screen in the living room. UTV Bono can also be connected with a web camera to allow remote viewing of your home.

HALL 11, STAND B60

High Performance Memory Modules

Walton Chaintech has released its new APOGEE GT memory modules, designed for extreme gamers and advanced users wanting to maximize system performance. All APOGEE GT memory modules are produced using the best quality chips from leading DRAM Fab. APOGEE GT DDRII 800+ delivers superior memory performance at 800MHz and supports 4-4-4-12 timing in this speed grade. APOGEE GT DDRII 1066 is an innovative addition featuring high performance, lower latency, and lower power consumption. They have completed a high temperature burn-in test as well as rigorous dual channel testing, so users can rest assured their platforms will perform beyond expectations.

HALL 21, STAND C03/1

Powerline Knocking on the Door

by Keith Waller

As the number of PCs per home rises so does the need to network them.

The question is: How we will network all those home PCs?

According to market researchers In-Stat, powerline communication (PLC) could be the answer.

PLC uses the existing electrical wiring in a house to transmit data at 200Mbps speeds. Outside the house electrical cables can also be used as the last-mile connection to deliver broadband in areas where DSL has not yet penetrated.

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The advantage PLC has over other networking technologies is that it does not require new cabling to be installed, is resistant to interference, and cannot be easily hacked.

According to In-Stat in 2005, world-wide shipments of broadband powerline equipment surpassed two million units. In-Stat says the market reached an inflection point this year that points only upward. It predicts shipments in 2006 will exceed 200% growth.

Visitors to CeBIT with an interest in PLC are well-served. In Hall 13, Stand C90 visitors can find the OPERA (Open PLC European Research Alliance) and the Universal Powerline Association exhibit. OPERA is a R&D project with a large budget partially funded by the European Commission to encourage the uptake of PLC.

Elsewhere (Hall 14, Stand, H11), the HomePlug Powerline Alliance (HPA) will be showing its PLC products at the World of Powerline exhibit.

The HPA is an industry-led initiative established to create specifications for home high-speed powerline networking products. Now numbering some

70 companies the exhibit in Hall 14 will offer information and demonstrate some of the latest products from Alliance members.

The HPA recently announced it has granted its "Designed for HomePlug AV" mark to 14 products from 11 companies as a result of compliance and interoperability testing performed by an independent laboratory in France.



Devolo's PLC solutions transfer data around the home at up to 200Mbps.

The latest round of HomePlug testing is the first to identify products that are designed for the HomePlug AV high-

speed connectivity solution. The HomePlug 1.0 certification mark already exists on over seven million HomePlug 1.0 products sold world-wide.

"By confirming that products from multiple vendors meet HomePlug specifications, the Alliance's compliance and interoperability programs ensure that consumers will have a robust and

user-friendly experience," said Mathew Theall, President of the HomePlug Powerline Alliance. "All consumers need to do is look for the HomePlug logo, and they will know that the products they are buying will work seamlessly together."

Products awarded the mark include those from Aztech (Hall 13, Stand A20), D-LINK (Hall 13, Stand D71), Devolo (Hall 13, Stand C20), Netgear (Hall 13, Stand C58), Linksys (Hall 15, Stand C06), Intellon (Hall 14, Stand H11) and ZyXEL (Hall 15, Stand C05)

Devolo is launching a range of PLC solutions at CeBIT 2007. The next-generation adapters offer data transfer rates of up to 200Mbps supporting full multimedia home and business networking Internet telephony and triple play services such as HDTV and video streaming.

According to Aztech, their Home Plug 200 Mbps Audio/Video solution supports full multimedia home networking, including simultaneous high-definition and standard definition video distribution, whole-house audio, Voice-over-IP and high-speed Internet besides data networking. Moreover, enhanced Quality of Service is said to provide the guaranteed bandwidth reservations for multimedia payloads.



Aztech's Home Plug 200 Mbps Audio/Video solution provides plug-and-play networking wherever there is a wall socket.