

TELCO SERVER PRICE WAR DRIVES DEMAND FOR LOW-PROFILE PCI EXPRESS STANDARD

Adax first to market with low-profile high density signaling controller

November 9th, 2006 - Telecommunications signaling provider, Adax, is launching a low-profile PCI Express form factor of its HDCII controller, the HDCII-LPe, to provide support for the expanding variety of mid-range servers currently marketed to the telecommunications industry.

The new HDCII-LPe is the first low-profile signaling controller of its kind and can be used to help operators realise the benefits, such as energy and space efficiencies, associated with the low-cost, high-performance, rack-mounted servers that are becoming increasingly popular in the telecommunications industry.

"Deploying mid-range servers can significantly lower capital and operational expenditure," explains Robin Kent, director of European operations with Adax Europe. "Sun's decision to target the industry with its T2000 and X2100 servers has generated a significant demand from our customers for a controller that is able to fit into a server chassis without compromising performance. The need has been such that some customers have been removing the lid from these boxes to run extensive tests on the interfaces using the full height PCIe form factor, knowing that the new low profile version will be managed using the same software."

Kent believes the new product will play a key role in enabling mobile and fixed-line operators to realise the reduced capital and operational expenditure they stand to gain through deploying mid-range server technology.

"Adax is the first to market with the low-profile signaling controller because we are committed to providing our customers with hardware and software solutions that comply with all existing and forthcoming standards and form factors. Taking this approach not only enables us to support a wider range of server vendors, it also protects our customers' investment by future-proofing their infrastructure."

Existing Adax customers can use the low-profile board without needing to change their current application as the HDC driver software is the same for all HDCII board formats: PCI/PCI-X, PCI Express, PMC and AMC. As with all HDCII cards the low-profile board is capable of handling up to 124 Low Speed Signaling Links or four High Speed Links at full line speed and can perform many thousands of transactions per second whilst maximising the bus performance and reducing the load on the host processor.

Further Technical Specifications

- The low-profile HDCII-PCIe board is dynamically configurable, per port and per channel, and supports multiple protocols including SS7 MTP2 (64k and 2Mbit), SCTP, Frame Relay and X.25 on all 128 channels over four T1/E1 ports.
- It is specifically designed for wireless, wireline and converging PSTN/IP network platforms.
- The board's high performance with large numbers of small transactions means that it is particularly appropriate for Home Locations Registers (HLRs), Visitor Location Registers (VLRs) and Equipment Identification Registers (EIRs) that need to support ever increasing numbers of subscribers.
- The high density of the low-profile HDCII-PCIe and its ability to run large volumes of network traffic make it ideal for narrowband signaling between 3G SGSN, HLR/VLR and mobile switching centres in the core network.

About Adax Europe Limited

Adax Europe Limited develops and manufactures a complete set of telecommunications signaling hardware and software for today's converging networks, covering all signaling protocols and popular hardware formats to provide the right solution for any signaling requirement. These are sold to some of the world's premier telecom equipment suppliers, value added services (VAS) providers and systems integrators.

Adax signaling products enable customers to deploy and manage any application, node or system quickly and efficiently, irrespective of the underlying network interface or architecture. In turn, customers can reduce capital and operational expenditure by creating a high-performance and future-proofed signaling infrastructure that is flexible and scaleable to meet new demands.



Signaling Solutions for Converging Networks

Customers include Alcatel, Apertio, Bharti Telesoft, Ericsson, IP Access, Lucent and Motorola. For more information please visit www.adax.com or contact Dan Bowsher or Laura Scott at Berkeley PR on 0118 988 2992 / adax@berkeleypr.co.uk.

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