



AMCC UNVEILS 24-PORT RAID 6 CONTROLLER, COMPLETING THE INDUSTRY'S BROADEST LINE OF PCI EXPRESS-TO-SATA II CONTROLLERS

Latest in the 3ware 9650SE Family Eclipses the Performance of Competing Controllers; AMCC Also Celebrates 2 Millionth SATA Port Shipped and Channel Market Share Leadership

SUNNYVALE, Calif., March 19, 2007 – Applied Micro Circuits Corporation (AMCC) [NASDAQ: AMCC] today announced the immediate availability of the 3ware® 9650SE-24M8, a powerful new 24-port RAID controller, the latest in its line of RAID 6 controllers. AMCC now offers the broadest line of PCI Express-to-SATA II RAID controllers, with 2-, 4-, 8-, 12-, 16- and now 24-port offerings.

RAID 6 safeguards data against two drive failures for maximum fault tolerance. The 9650SE controllers minimize the RAID 6 write performance penalty, inherent to many competing offerings, by uniquely calculating double-parity simultaneously, rather than consecutively.

“The introduction of the 24-port model comes on the heels of AMCC shipping our 2 millionth SATA port, as well as being named by Gartner Dataquest the channel market share leader for SATA hardware RAID controllers,” said Scott Cleland, director of marketing for AMCC. “We are striving to offer our customers the broadest choice when it comes to hardware-based high performance, scalable RAID.” Gartner Dataquest’s report, “Market Share: Host Bus RAID Controllers, Worldwide, 1998-2005,” shows AMCC as the SATA RAID market share leader in the channel¹.

Maximum Performance, Unmatched Scalability and Simplified Multi-lane Connectivity

The 3ware 9650SE-24M8 delivers RAID 6 throughput speeds of over 700MB/s, up to 300 percent faster than competing controllers. The superior performance results from AMCC’s eighth generation StorSwitch™ non-blocking switch fabric architecture. The controller’s Multi-Lane™ M8 cable/connector system utilizes innovative Molex™ iPass™ technology. The 24-port cabling system uses only 3 connectors to attach to 24 drives, perfect for high density environments.

Silicon Mechanics, a leading integrator of rack-optimized servers, storage, and high-performance computing products, is offering multiple configurations of the 3ware 9650SE in its Rackform server line. “Our customers like the flexibility offered by AMCC’s broad line of 3ware 9650SE controllers,” said Jack Kintz, vice president of product development for Bothell, Washington-based Silicon Mechanics. “The new 24-port model provides our customers with a new level of scalability and performance for their enterprise-level networks. The controller’s ease-of

¹ Gartner Dataquest, “Market Share: Host Bus RAID Controllers, Worldwide, 1998-2005.” September 2006 (Table 1-20).

integration features and cable management make our design and integration faster and more secure.”

Pricing and Availability

AMCC’s 3ware 9650SE family of RAID controllers is available in low profile 2-, 4-, and 8-port models, and full-height 12- 16- and 24-port configurations. All are available through AMCC’s worldwide network of distributors, integrators and VARs. Suggested list prices start at \$195 for the 2-port configuration and range to \$995 for the 16-port model. The 24-port configuration lists for \$1,595.

About AMCC

AMCC blends system and software expertise to provide the essential building blocks for the processing, moving and storing of data worldwide. The #1 high-port count Serial ATA RAID controller line, AMCC’s 3ware family of SATA RAID storage solutions deliver cost-effective, high-performance, high-capacity storage for enterprises and consumers worldwide in applications such as disk-to-disk backup, near-line storage, network-attached storage (NAS), video, and high-performance computing. The company headquartered in Sunnyvale, California with offices throughout the world. For more information, visit <http://www.3ware.com> or <http://www.amcc.com>.

###

Media Contact:

Katie Reid/Corey Oiesen

Dovetail Public Relations

+ 1-408-395-3600

katie @ dovetailpr.com / coreyo @ dovetailpr.com

Investor Contact:

Scott Dawson

Applied Micro Circuits Corporation

+1-858-535-4217

sdawson @ amcc.com

Forward Looking Statements

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements may be identified by words such as expects, anticipates, plans, believes, estimates, will or words of similar meaning. Such forward-looking statements, including statements relating to the products discussed in this press release, are subject to a number of risks and uncertainties, including the risk that the products may not be successfully or timely developed, completed or manufactured or achieve market acceptance, risks relating to general economic conditions, as well as the risks and uncertainties set forth in the Company's Annual Report on Form 10-K, and in the Company's other SEC filings. As a result of these risks and uncertainties, actual results may differ materially from these forward-looking statements. The forward-looking statements contained in this press release are made as of the date hereof and AMCC does not assume any obligation to update any forward-looking statement, whether as a result of new information, future developments or otherwise.

AMCC, 3ware, Multi-lane, StorSwitch and StreamFusion are trademarks or registered trademarks of Applied Micro Circuits Corporation. Other trademarks are the property of their respective owners.