

## News Release

For more information:  
Lindsay Thompson  
Strategies  
714-957-8880, ext. 128  
[lindsay@strategiesadpr.com](mailto:lindsay@strategiesadpr.com)

### **FOR IMMEDIATE RELEASE**

#### **CRITICAL I/O ANNOUNCES FIRST 4Gb FIBRE CHANNEL ADVANCED MEZZANINE CARD (AMC)**

*Fibre Channel Interface offers performance and hot-swap capability for ATCA Systems*

IRVINE, Calif., December 1, 2006 — Critical I/O releases the first 4Gb Fibre Channel interface to comply with the ATCA Advanced Mezzanine Card standard (AMC.1 with PCI Express host interface). This AMC Host Bus Adapter (HBA) provides 4 Gbit/sec Fibre Channel connectivity to ATCA systems. The combination of AMC hot-swap capabilities with Critical I/O's industry leading Fibre Channel driver and library support allow ATCA systems to achieve an unparalleled level of maintainability, capability and performance for networking and storage applications.

The Critical I/O Model FCA2460 is the highest performance Fibre Channel AMC interface available. This module has two independent Fibre Channel interfaces that, when combined, achieve sustained data rates of 1500 Mbytes/sec, 10 usec RDMA data transfers, and up to 300,000 SCSI I/O operations per second. The AMC also provides full hot-swap capabilities and is supported by drivers for VxWorks, Linux, Windows, and other specialized operating systems.

According to Jack Staub, chief executive officer of Critical I/O, "Our Fibre Channel AMC product offers advanced features like hot-swap capability that achieve levels of on-line maintainability never offered before, which is crucial for next-generation computer systems in telecom, military, and enterprise computing applications. And it provides our

customers who develop ATCA based systems with full access to all the Fibre Channel capabilities, features, and operating system support that are available to commercial-grade systems.”

The FCA2460 AMC is 100% software compatible with the Critical I/O’s PMC and XMC Fibre Channel interfaces. Therefore, existing customers do not have to rewrite software or learn new technology and can immediately leverage the extensive offering of mature drivers and libraries refined by Critical I/O over nine years and six product generations.

Staub added, “We’ve invested over 50 man-years developing out Fibre Channel software so our customers can quickly integrate our products without wasting time debugging poorly written and inadequate drivers. And it is the superior performance, capability, and ease of use of our interfaces that explains why more embedded systems designers choose Critical I/O than any other Fibre Channel provider.”

The FCA2460 AMC is part of Critical I/O’s sixth generation family of Fibre Channel interfaces. This hardware interface dissipates only six watts but provides two independent 4Gb Fibre Channel ports, 4 lane PCI Express host interface, hot-swap capability, and extensive integrated hardware BIT. It is supported by a full complement of library and drivers for VxWorks, Linux and Windows. It is compatible with X86 and PowerPC ATCA processor blades.

Contact Critical I/O for pricing and availability of the FCA2460 Fibre Channel AMC.

### **About Critical I/O**

Critical I/O, headquartered in Irvine, California, is the leading provider of high-performance interfaces for embedded, avionics and military applications. The company has shipped more than 30,000 Fibre Channel interfaces into the embedded systems marketplace and with nearly a decade of progressive development and testing, has now delivered its sixth generation of advanced Fibre Channel technology. Critical I/O has also brought *true* high performance Ethernet interfaces to the real-time and embedded systems marketplace.

With its unique Silicon Stack Ethernet architecture, Critical I/O is leading the way in enabling high performance Ethernet-based systems to compete, for the first time, with costly proprietary fabrics. Known worldwide for its technical expertise, software support, and its ability to leverage state of the art commercial technology, Critical I/O focuses entirely on the network requirements of high performance embedded systems.