



CSATA

Dynatem introduces High-Performance/

Quad-Channel Serial ATA Interface 3U

CompactPCI Card

PRESS RELEASE

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Features:

- **Four channels of Serial ATA accessible from the front panel**
- **Each channel has a maximum transfer rate of 1.5 Gbps**
- **Uses Intel's 31244 Serial ATA controller**
- **66 MHz, 64-bit PCI interface**
- **PICMG 2.1 R1.0 Compliant**
- **Compliant with both SATA 1.0 and SATA II (Extensions to SATA 1.0)**
- **Windows NT/XP/2000, and Linux drivers are available**

Mission Viejo, California, September 30, 2004---- Dynatem is now introducing a high-performance, quad-channel Serial ATA controller card, the CSATA. The on-board controller, Intel's 31244, is targeted at workstation/server applications, external storage, Network Attached Storage (NAS), and RAID controllers. There is no bottleneck because

the front side of the 31244 supports a 64-bit, 66 MHz PCI bus interface with a maximum transfer rate of 532 MBps.

The Intel 31244 Controller is fully compatible with parallel ATA operating system drivers and software. It can be configured in IDE compatibility mode, mapping the PCI configuration space to match the x86 standard primary and secondary IDE ports. For high-performance applications such as RAID and video streaming, all four SATA ports can be configured to run in Direct Port Access (DPA) mode where the data can be transferred from/to all four disks simultaneously.

The CSATA's four Serial ATA ports are accessible from the front panel via two dual-stacked, industry-standard connectors. Each port has an LED indicating activity visible at the front panel.

Operating systems supported by the CSATA's 31244 include Windows (NT, XP, 2000), and Linux.

Pricing for the CSATA starts at \$625 in single quantity.

Dynatem manufactures and integrates systems based on 3U and 6U VMEbus and CompactPCI modules. Custom stand-alone embedded designs are also provided.

Dynatem is located at 23263 Madero, Suite C, Mission Viejo, CA 92691. For additional Information, call (949) 855-3235, fax (949) 770-3481, e-mail [*sales@dynatem.com*](mailto:sales@dynatem.com) or visit our website at [*www.dynatem.com*](http://www.dynatem.com).

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