



Storage solutions for demanding applications?

Adtron Corporation  
3710 E. University Dr., Suite 5  
Phoenix, AZ 85034  
602-735-0300 voice  
602-735-0359 fax  
[www.adtron.com](http://www.adtron.com)

## For Immediate Release

Contacts: Alan Fitzgerald  
Chief Technology Officer  
602-735-0300 voice  
afitzgerald@adtron.com

Patti Naccarati  
Marketing Manager  
602-735-0315 voice  
patti@adtron.com

### **Adtron I35FB IDE Flash Drive Provides Ultra DMA-100 Performance**

PHOENIX, AZ - April 23, 2003 - With sustained random access read/write rates exceeding 30Mbytes per second range, the I35FB outperforms hard disk drives while providing high reliability and durability in harsh environments. Built around the patent pending Adtron media controller, the I35FB adapts flash memory technology to the UDMA-100 interface, which is preferred in the industrial automation and medical equipment markets.

“IDE is the de facto storage interface for most industrial computing platforms using Microsoft<sup>®</sup> Windows<sup>®</sup> operating system, Wind River’s VxWorks<sup>®</sup>, and Linux,” commented Alan Fitzgerald, Adtron’s President and CTO. “Our industrial computing customers want superior performance without the data integrity compromise of cache-based flash drives. The I35FB delivers exceptional ‘cache-less’ performance using an industry-standard interface and form factor.”

The I35FB supports PIO Mode 0-4, Multiword DMA Mode 0-2, or UDMA-100 interface methods using a standard IDE 40-pin connector. Reliability is ensured by advanced defect management and techniques including ECC (Error Correction Code), wear leveling and spare sector mapping. Five volt operation eliminates the requirement for 12 volt power supplies and field upgradeable flash firmware prevents future obsolescence. The I35FB can be configured as a master or slave IDE disk.

Models are available in a variety of capacities ranging from 1Gbyte to 16Gbytes. The I35FB has been tested to the MIL-STD-810 military specifications and is ATA/ATAPI-5 compliant. Versions are available for commercial (0 to 70°C), enhanced (-25 to 75°C), and industrial (-45 to 85°C) operating temperature ranges.

OEM pricing for a 12GB I35FB flash drive with a commercial temperature rating is \$12,324.00. For more information, contact Adtron Sales at (602) 735-0300 or by e-mail at [sales@adtron.com](mailto:sales@adtron.com). Lead-time is stock to eight weeks ARO.

### **About Adtron**

Adtron designs and manufactures electronic data storage solutions for demanding applications. Adtron tailors its systems to OEM requirements for optimum reliability, durability and availability. Design flexibility solves problems associated with integrating traditional disk and tape drives into commercial, industrial and military computer systems. Adtron's flash-based storage products emulate disk and tape drive functions while providing extreme durability and reliability in harsh environments. Adtron's disk-based storage products provide long-term availability, thereby eliminating requalification, last time buys and inventory management costs. Adtron's Quality System is certified to conform to ISO 9001 Quality Standards. You can find more information about Adtron at [www.adtron.com](http://www.adtron.com).

