

# AcceleRAID™ Series



## Quick Reference Guide

### AcceleRAID 352

A new two channel Ultra 160 SCSI controller with 32MB or 64MB of SDRAM ECC cache memory — an ideal controller for entry-to-mid level servers that require full RAID functionality.

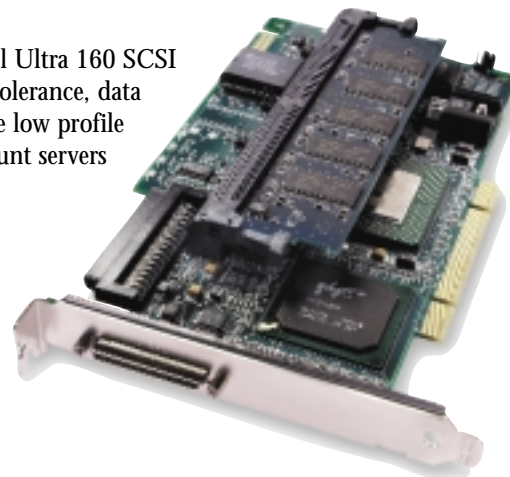
- Two Ultra 160 SCSI channels with 160MB/sec per channel
- 100 MHz Intel i960RN RISC processor
- More than 6,700 random I/O's
- More than 200MB/sec sustained data transfer rate
- Dual address cycle for greater than 4GB memory support
- 30 devices for a capacity of 2.16TB per controller
- Up to 8 non-disk devices per controller
- Meets Microsoft current WHQL certification requirement— host bus interface PCI 2.2



### AcceleRAID 170

The AcceleRAID 170 is an easy to use high performance single channel Ultra 160 SCSI RAID controller. The AcceleRAID 170 offers uncompromising fault tolerance, data availability, and superior configuration and management flexibility. The low profile version of AcceleRAID 170 is easy to install into high-density rack mount servers and is ideal for ISPs and e-business application

- Single Ultra 160 SCSI Channel
- 100 MHz Intel i960RM RISC Processor
- 32-bit, 33 MHz PCI RAID Controller Card
- 16MB/32MB/64MB ECC SDRAM Cache Memory
- More than 4000 random I/O's
- Dual address cycle for greater than 4GB memory support
- 15 devices for a capacity of 1.08TB per controller
- Unparalleled configuration and remote management



### AcceleRAID 150

An affordable, entry level single-channel PCI-to-Ultra2 SCSI LVD RAID controller with 4 or 16MB EDO parity cache memory — the perfect RAID solution for entry-level servers' storage and Intel based NT workstations.

- Affordable, high performance single channel RAID solution
- 33 MHz Intel i960RP RISC processor
- Up to 15 devices for a capacity of 1.08TB per controller
- Typical application: graphics workstation running RAID level 0 or 0+1



Product	Part Number	Channels	Memory
AcceleRAID 352	A352-2-32E	2	32MB
AcceleRAID 352	A352-2-64E	2	64MB
AcceleRAID 170	A170LP-1-NB	1	16MB
AcceleRAID 170	A170-1-32NB	1	32MB
AcceleRAID 170	A170-1-64NB	1	64MB
AcceleRAID 150	A150-1-4E	1	4MB
AcceleRAID 150	A150-1-16E	1	16MB

All products include Web Array Manager, Global Array Manager and driver set for Windows NT, SCO Unix UnixWare, and NetWare on CD.

## EASE-OF-USE FEATURES

- Immediate RAID availability
- BIOS resident configuration utility
- Drive travelling during power-off
- RAID EzAssist software installs your array in three easy steps
- Global Array Manager (GAM) allows you to optimize any Mylex array from anywhere on the network

## FAULT TOLERANCE FEATURES

- Support all RAID levels: RAID level 0, 1, 0+1, 3, 5, 10, 30, and 50, JBOD
- Automatic detection of failed drives
- Automatic and transparent re-build of replacement drive
- On-line RAID expansion
- Hot spare drive support
- Hot drive swapping support
- SAF-TE enclosure management
- RAID configuration stored on disk and NVRAM

## TARGETED APPLICATIONS

- Multimedia Development
- Internet, Intranet, Web Servers
- Small Office Home Office
- Traditional File Servers
- Performance Desktop Systems
- PC Workstations
- Entry-Level File Servers
- Development Systems
- Application Server

Certification	AcceleRAID 352	AcceleRAID 170	AcceleRAID 150
FCC class B	√	√	√
CE	√	√	√
UL	√	√	√
Windows 2000	√	√	
Windows NT	√	√	√
Microsoft HCL	√		
Microsoft ACPI	√		
Novell	√	√	√
MSCS	√		
SCO	√	√	
Unix/UnixWare	√	√	

Product Name	Windows 2000	Windows NT 4.0	NetWare 4.x, 5.x	OpenServer 5.0.x	UnixWare 7.x	Solaris 7 (x86)	Linux 2.2
AcceleRAID 352	Disk/CD	Disk/CD	Disk/CD	CD	CD	CD	yes
AcceleRAID 170	Disk/CD	Disk/CD	Disk/CD	CD	CD	Embedded	yes
AcceleRAID 150	Disk/CD	Disk/CD	Disk/CD	CD	CD	Embedded	yes

Product Name	FAB	BIOS	Firmware	RAID EzAssist	Software Kit
AcceleRAID 352	A	6.0	6.0	6.0	SW 3.00
AcceleRAID 170	A	6.0	6.0	2.0	SW 3.01
AcceleRAID 150	A	4.10-41	4.07-0-29	1.00-16	SW 2.01

**Mylex Corporation**  
 34551 Ardenwood Blvd.  
 Fremont, CA 94555-3607  
 Tel: 510-796-6100  
 Tel: 800-776-9539  
 Fax: 510-745-8016  
[www.mylex.com](http://www.mylex.com)  
<https://reseller.mylex.com>

**Technical Support**  
 Tel: 510-608-2400  
[support@mylex.com](mailto:support@mylex.com)

**Sales Information**  
 Fax: 510-745-7521  
[sales@mylex.com](mailto:sales@mylex.com)

Mylex Corporation produces high-performance disk array (RAID) controllers and complementary computer products for network servers, mass storage systems, workstations, and system motherboards. Mylex controllers come with a three year limited warranty.

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