

AcceleRAID™ Series



Quick Reference Guide

AcceleRAID 170LP

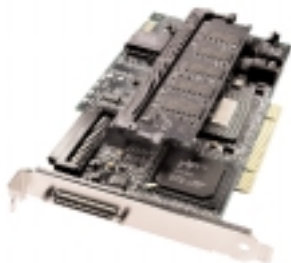
The AcceleRAID 170LP is an entry-level, single channel low profile Ultra 160 SCSI RAID controller. The AcceleRAID 170LP offers uncompromising fault tolerance, data availability and superior configuration and management flexibility. It is easy to install into high density rackmount servers used by ISPs and is ideal for e-business applications.

- One Ultra 160 SCSI Channel at 160MB/s
- 100MHz Intel i960RS RISC Processor
- 32-bit, 33MHz PCI Bus
- 16MB ECC SDRAM Cache Memory
- More than 6,000 random IOPs
- More than 100MB/s Sustained Data Transfer Rate
- 15 devices for a capacity of up to 1.08TB of storage per controller
- Low Profile (2U form factor)



AcceleRAID 170

The AcceleRAID 170 is an easy to use entry level single channel Ultra 160 SCSI RAID controller. The AcceleRAID 170 offers uncompromising fault tolerance, data availability and superior configuration and management flexibility.



- One Ultra 160 SCSI Channel at 160MB/s
- 100MHz Intel i960RM RISC Processor
- 32-bit, 33 MHz PCI Bus
- 32MB and 64MB ECC SDRAM Cache Memory
- More than 4,000 random IOP's
- 100MB/s Sustained Data Transfer Rate
- Support for up to 15 devices for a capacity of 1.08TB per controller
- Half length RAID controller

AcceleRAID 352

The AcceleRAID 352 is a two channel Ultra 160 SCSI RAID controller with 32MB or 64MB of SDRAM ECC cache memory. The AcceleRAID 352 is an ideal controller for entry-to-mid level servers that require full RAID functionality.

- Two Ultra 160 SCSI channels at 160MB/s per channel
- 100MHz Intel i960RN RISC processor
- 64-bit, 33MHz PCI Bus
- More than 6,000 random IOP's
- More than 100MB/s Sustained Data Transfer Rate
- Support for up to 30 devices for a capacity of up to 2.16TB of storage per controller
- PCI 2.2 host bus interface



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

All products include software kit, user manual, Global Array Manager Client, software and manual on CD.

EASE-OF-USE FEATURES

- Immediate RAID Availability
- BIOS resident configuration utility
- Drive travelling during power-off
- RAID EzAssist software installs the array in three easy steps
- Global Array Manager™ (GAM)

FAULT TOLERANCE FEATURES

- Supports all RAID levels: RAID level 0, 1, 0+1, 3, 5, 10, 30, 50, and JBOD
- Automatic detection of failed drives
- Automatic and transparent rebuild of replacement drive
- Mylex Online 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 Servers

Certification	AcceleRAID 170LP	AcceleRAID 170	AcceleRAID 352
FCC Class B	√	√	√
CE	√	√	√
UL	√	√	√
Windows NT Server 4.0 Workstation Server Enterprise Edition	√	√	√
Windows 2000 Professional Server Advanced Server	√	√	√
SCO UnixWare 7.x	√	√	√
Unix OSR 5.0.4, 5.0.5	√	√	√
NetWare 4.11, 4.2, 5.1	√	√	√
Solaris 7 (x86)	√	√	√
Linux	√	√	√
DOS 6.x and above	√	√	√

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 170LP	Disk/CD	Disk/CD	Disk/CD	CD	CD	Embedded	yes
AcceleRAID 170	Disk/CD	Disk/CD	Disk/CD	CD	CD	Embedded	yes
AcceleRAID 352	Disk/CD	Disk/CD	Disk/CD	CD	CD	CD	yes

Product Name	FAB	BIOS	Firmware	Software Kit
AcceleRAID 170LP	D	6.01-01	6.00-0-03	SW 3.03
AcceleRAID 170	C	6.00-00	6.00-0-01	SW 3.01
AcceleRAID 352	B	6.00-00	6.00-0-01	SW 3.01

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Mylex 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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