

eXtremeRAID™ Series



Quick Reference Guide

eXtremeRAID 2000

A full featured high performance PCI to Ultra160 SCSI RAID controller that provides uncompromising fault tolerance, data availability, superior configuration and management flexibility with a new level of RAID performance

- Four Ultra 160 SCSI channels at 160MB/s per channel
- 233MHz Intel StrongArm SA110 processor
- 64-bit, 33MHz PCI Bus
- More than 14,000 random IOPs
- More than 200MB/s Sustained Data Transfer Rate
- Support for up to 15 drives per channel/ 60 drives per controller for a capacity of up to 4.32TB of storage
- Two 68-pin internal and 4 VHD CI external connectors



eXtremeRAID 3000

A full featured high performance PCI to fibre channel RAID controller that provides uncompromising fault tolerance, data availability, superior configuration and management flexibility with a new level of scalability in a PCI RAID controller.

- One or two 1Gb fibre channel loops at 100MB/s per loop
- 233MHz Intel StrongArm SA110 processor
- 64-bit, 33MHz PCI Bus
- 126 drives per Fibre loop; 252 drives per controller for a capacity of up to 18.1TB of storage
- More than 10,000 random IOPs
- More than 180MB/s Sustained Data Transfer Rate
- One 68-pin internal Ultra2 LVD SCSI channel for legacy devices



Product	Part Number	Channels/Loops	Memory
eXtremeRAID 2000	E2000-4-32BD	4	32MB
eXtremeRAID 2000	E2000-4-64BD	4	64MB
eXtremeRAID 3000	E3000-1-32BD	1	32MB
eXtremeRAID 3000	E3000-1-64BD	1	64MB
eXtremeRAID 3000	E3000-2-32BD	2	32MB
eXtremeRAID 3000	E3000-2-64BD	2	64MB

All products include battery backup module, software kit, user manual, Global Array Manager client, software and manual on CD.

PERFORMANCE FEATURES

- Fastest RISC processor used in PCI RAID controller - Intel SA110 at 233MHz
- World record lineage with top TPC-C results
- More than 10,000 random IOPs
- Up to 64MB ECC SDRAM
- Battery backup module
- Write through and write back cache support
- Onboard BIOS and firmware execute from SDRAM
- Performance monitoring
- Flash upgradable firmware

EASE-OF-USE FEATURES

- PCI Hot Plug
- Immediate RAID Availability
- Mylex Online RAID Expansion
- RAID EZAssist software installs the array in three easy steps
- Global Array Manager™ (GAM) allows optimization of any Mylex array from anywhere on the network

FAULT TOLERANCE FEATURES

- Automatic detection and transparent rebuild of failed drives
- Event notification via pager, fax and e-mail
- Hot swap and hot spare drive support
- SAF-TE enclosure management
- RAID configuration stored on disk and NVRAM
- All RAID levels (0, 1, 0+1, 3, 5, 10, 30, 50 and JBOD)
- Integrated SDRAM cache module with battery back-up
- Network security levels for admin and guest access
- SMART support

Product Name	Windows 2000	Windows NT 4.0	NetWare 4.x, 5.x	SCO UnixWare 5.x and 7.1	DOS 5.x 6.x and up	Linux 2.2
eXtremeRAID 2000	Disk/CD	Disk/CD	Disk/CD	CD	Embedded	yes
eXtremeRAID 3000	Disk/CD	Disk/CD	Disk/CD	CD	CD	yes

Product Name	FAB	BIOS	Firmware	Software Kit
eXtremeRAID 2000	C	6.00-0-00	6.00-0-01	SW3.01
eXtremeRAID 3000	E	6.00-0-00	6.00-0-01	SW3.01

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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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