

RocketRAID 454

4-channel ATA RAID 5 Host Adapter

RAID 5



- Supports four ATA channels and up to 8 hard disks
- Supports up to ATA133 hard disks
- Supports RAID 0, 1, 10, 5 and JBOD
- Supports hot spare and hot swap
- Bootable disk or disk array support
- Error alarm and notification mechanism
- Supports OSs like: Windows 9x/ME/NT4.0/2K/XP, Linux (Red Hat, SuSE, Turbo, Caldera), and FreeBSD
- Windows-based RAID configuration & management software tool (compatible with BIOS)
- Supports hard disk capacity over 137GB

4 - Channel ATA133 RAID Adapter
Your Cost-effective RAID Choice!

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Introduction to RocketRAID 454

As a four channel ATA133 RAID 5 adapter, the RocketRAID 454 supports up to 8 IDE hard disk drives, and provides multi level RAID support including RAID 0, 1, 10, 5 and JBOD. The RocketRAID 454 is absolutely a high quality, cost-effective solution for the storage need.

RAID 5 Creates Data Parity

RAID 5 includes a rotating parity array, thus, all read and write operations can be overlapped. RAID 5 stores parity information but not redundant data. It requires at least three disks to provide the most economic way to maximize data capacity with faster transfer rate.

High Performance and Data Security

The RocketRAID 454 can support multiple RAID arrays and provide parallel disk/array access. With the RocketRAID 454 adapter's RAID 0 and 10 capabilities, data storage and retrieval is dramatically faster than single drive systems. For RAID 1 and 10, the RocketRAID 454 provides disk mirroring. Hot spare supports automatic array rebuild; and hot swap support swapping failed disks on the fly and disk failure notification. These features provide a high level of security and data protection against hard disk failures.

Expand the Computer's Data Storage with RocketRAID 454 adapter's mass storage capabilities

The RocketRAID 454 has four independent ATA channels and supports up to eight IDE hard disk drives. It imposes no restrictions on hard disk capacity, and will meet the requirement of most all business and personal applications.

Windows-based Utility for Easy RAID Configuration/Management

In addition to the BIOS configuration utility, RocketRAID 454 includes Windows-based RAID configuration software. The software is designed to make RAID management so easy, so that even the inexperienced user can fully understand.

An Ideal Home and Business Solution

As a high-performance, affordable RAID 5 solution, RocketRAID 454 makes sense for nearly any corporate, industrial, and home environment. RocketRAID 454 ATA controller is ideal for LAN servers, critical business data storage, high-end PC workstations, gaming, video stream systems and high-end personal storage etc.

RocketRAID 454 Specification

| | |
|--------------------------|--|
| Host Side Interface | 32bit/33MHz PCI |
| Disk interface | IDE |
| Number of IDE channels | Four channels |
| Allowed disks connection | Eight hard disks |
| Supported RAID Levels | RAID 0, 1, 10, 5 and JBOD |
| Supported OSs | Windows 9x/Me/NT4.0/2K/XP, Linux (Red Hat, SuSE, Turbo, Caldera) and FreeBSD |
| RAID Management Tool | BIOS Windows-based management software |
| Some Highlight Features | Supports HDD up to ATA133 Automatic E-mail notification when error occurs Bootable array support Large LBA support capacity exceeding 137GB |



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