

# SoftRAID 3.2 Release Notes

Thank you for using SoftRAID 3.2. These release notes are designed to inform you of bugs that have been fixed since the last release, as well as bugs known to be present in this version.

**SoftRAID 3.2 is an upgrade to version 3.1.3.**

**SoftRAID 3.2 adds:**

- Full Mac OS X 10.4 (Tiger) support.
- Ability to update the SoftRAID driver on retail and previously created SoftRAID Startup CDs and DVDs.
- Ability to update the SoftRAID driver on Modified Mac OS X Install CDs and DVDs and Modified Utility CDs and DVDs,
- Ability to convert multiple disks to SoftRAID 3 format simultaneously if the user is running Tiger.
- Ability to zero multiple disks simultaneously if the user is running Tiger.
- New algorithm for rebuilding Mirror volumes which are optimized for server. The algorithm now makes rebuilding the volume a higher priority and results in much faster rebuilds on heavily loaded servers.
- Support for volumes of up to 4 petabytes (4096 terabytes) in capacity.

**SoftRAID 3.2 fixes bugs which:**

- Could cause hangs if a cable was pulled from a FireWire disk which was part of a Mirror volume and the Mirror volume was rebuilding.
- Could cause a kernel panic if Mirror volume's secondary disks was unplugged and replugged repeatedly.
- Caused the SoftRAID driver to be installed with the wrong permissions in some situations.
- Caused the SoftRAID application to display disks with the unknown driver icon (a question mark) if they contained Case Sensitive HFS Extended volumes.
- Caused a kernel panic for 1% of SoftRAID customers. This would occur for these users roughly once every 10 million i/os.
- Caused certain incompatibilities with some Mac OS X Install CDs.

**Limitations in this version of SoftRAID 3**

- can't boot from a Stripe volume
- can't make CDs or DVDs on systems **older than 10.3.x.**

**Existing Bugs**

We do our best to fix any bugs that are reported to or are discovered by us. We sometimes have to ship with bugs that occur occasionally for which we have not yet found a cause. Please report any problems you may have with the product to [support@softraid.com](mailto:support@softraid.com)

**Driver Bugs**

**A Mirror rebuild will not survive a restart.**

If the Mac is restarted while SoftRAID was rebuilding a Mirror volume, the rebuild will start over from the beginning when the volume remounts. To avoid this, let volumes finish rebuilding before shutting down.