SoftRAID 6.0
SoftRAID 6.0 is our next major release which supports macOS 11 (Big Sur) and Macs with Apple silicon.

System Requirements:
SoftRAID 6.0 requires macOS 10.12 or later.

Known Bugs:
Click here for an up-to-date list of known issues.

New features in version 6.0.1:
• Adds support for macOS 11 (Big Sur) and Macs with Apple silicon.
• SoftRAID now ships as a single application. Features are enabled based on the license you have purchased. Click here for more info.
• Changes minimum required system version to macOS 10.12. This was done to accommodate Apple's code notarization mechanism.
• Disk tiles in the SoftRAID application are now grouped by enclosure, all the disks in a given enclosure are displayed next to each other.
• Adds support for Dark Mode.
• Adds a new serial number mechanism which allows users to activate and deactivate their SoftRAID license easily.
• Changes the way the SoftRAID driver handles calls to flush the cache on HDDs and SSDs. This call is now completed in parallel, all disks for a volume complete the call at the same time. Previous builds issued this call, one at a time, to each disk drive in turn. This change dramatically reduces the time required to shutdown or restart a Mac with many SoftRAID HDDs.
• Optimizes the performance of RAID 1 and RAID 1+0 volumes using a combination of SSDs and HDDs. The SoftRAID driver will now automatically select an SSD to be the primary disk in RAID 1 and RAID 1+0 volumes if the volume contains both HDDs and SSDs. This ensures optimum performance in RAID 1+0 volumes when each mirror pair is made up of 1 HDD and 1 SSD.
• Changes the creation of RAID 1+0 volumes when using the SoftRAID Tool command line interface. The new code ensures that when SSDs are present, they are used preferentially for primary disks in mirror pairs.

Bugs fixed in version 6.0.1:
- Fixes a bug in the SoftRAID driver that causes a kernel panic when a user unmounts a SoftRAID volume and then unplugs it. This bug affects RAID 1, 4, 5, and 1+0 volumes.

- Fixes a bug in the SoftRAID driver that causes a kernel panic when the last disk in a volume is zeroed or re-initialized. This bug affects RAID 1, 4, 5, and 1+0 volumes.

- This version of the driver includes a work-around for a bug in macOS which causes a kernel panic when Disk Utility erases a SoftRAID formatted disk. This bug was introduced in macOS 10.12. The work-around prevents this kernel panic from occurring in all versions of macOS.

- Fixes a hang that often occurs when SoftRAID initiates a restart.

- Fixes a bug that causes multiple beta version or evaluation mode expiration warning dialogs to appear one after the other. This can happen if a Mac is left on for multiple days and is running in evaluation mode or running a beta version of SoftRAID.

- Fixes a bug which occasionally causes volume corruption when creating or deleting volumes. This can occur when creating or deleting volumes on one OWC Accelsior 4M2 when a second OWC Accelsior 4M2 is installed in the same Mac.

- Fixes a crash that occurs when creating RAID 1+0 volumes when running with Simplified Chinese as the chosen language.

- Fixes several bugs that causes jumbled text in SoftRAID log files.

- Fixes the bug that causes the SoftRAID Monitor to crash as soon as it is launched.

- Fixes a bug that causes incorrect logging of SSDs which are predicted to fail. The log entry now just lists the uncorrectable error count as the reason the disk is predicted to fail.

- Fixes a bug that causes the SoftRAID application to gradually use more and more memory. This occurs when the SoftRAID application is left running for many hours.

- Adds additional information to the SoftRAID.log file to indicate if incorrect blocks are updated when a volume is being validated.

- Fixes a bug that causes volumes made with 4Kn disks (disks with 4 KB sector sizes) to act as if they have 512 byte sectors.

- Fixes a bug in the SoftRAID application that limits the size of reads and writes to NVMe SSDs to 128 KB.

- Makes SoftRAID for Mac able to recognize disks initialized by SoftRAID for Windows. Older versions of the SoftRAID application and SoftRAID Tool were unable to recognize disks initialized by SoftRAID for Windows as being SoftRAID disks.

- Fixes a bug that causes newly created volumes to have incorrect permissions. This bug also affects volumes which have just been erased.

- Fixes a bug that causes volumes to have incorrect permissions after converting between SoftRAID and AppleRAID formats.

- Fixes a bug that prevents converting SoftRAID RAID 4 volumes to other volume types.

- Fixes a bug that prevented buttons in the SoftRAID Monitor update available window from working.

- Fixes a bug that prevents converting mirrors or stripes to AppleRAID.

- Fixes a bug that makes a volume change back to Optimized for Workstation after it is erased.

- Fixes a bug that allows Read-Only-Secondary volumes to be erased.
• Fixes a bug that prevents the SoftRAID application from being able to create RAID 1+0 volumes.
• Fixes a bug that prevents the SoftRAID application from being able to split mirrors.
• Fixes a bug in the SoftRAID application which causes some Apple internal SSDs to indicate that they are worn out.
• Fixes many bugs in SoftRAID Monitor which prevent notification of failed or failing disks when they are inserted.