



# **Dataram RAMDisk (Personal version)**

**For commercial version [click here](#)**

## **Release Notes**

**<http://www.dataram.com>**

**Current Version V4.4.0.RC36 Released February, 2016:**

Changes in V4.4.0.RC36:

- Updated support Library.
- Minor fixes implemented.

**Current Version V4.4.0.RC34 Released July, 2015:**

Changes in V4.4.0.RC34:

- Support for Windows 10.
- Updated user's manual.

**Current Version V4.4.0.RC33 Released March, 2015:**

Changes in V4.4.0.RC33:

- Minor fixes implemented.

**Current Version V4.4.0.RC32 Released July, 2014:**

Changes in V4.4.0.RC32:

- Minor fixes implemented.

**Current Version V4.4.0.RC31 Released April, 2014:**

Changes in V4.4.0.RC31:

- Minor fixes implemented
- Space reserved for OS increased to 1GB from 600MB.
- Updated user's manual.

**Current Version V4.4.0.RC19 Released February, 2014:**

Changes in V4.4.0.RC19:

- Minor fixes implemented
- Updated user's manual

**Version V4.4.0.RC16 Released December 31, 2013:**

Changes in V4.4.0.RC16:

- Auto-select FAT variant are now standard
- Simplified settings interface are now standard
- Several minor fixes implemented
- Updated user's manual
- Features removed:
  1. Starting with version 4.4, Ramdisk will not be supported for Windows XP
  2. Save of image file on non-system drives has been made optional

**Version V4.3.0.RC1 Released October 1, 2013:**

Changes in V4.3.0.RC1:

- Background load now standard
- Bug fixes
- Updated user's manual

**Version V4.2.0.RC18 Released July 1, 2013:**

Changes in V4.2.0.RC18:

- Streamlined file save and load settings
- Process "trim" commands to reduce image file size when data is deleted from an NTFS RAMDisk (Windows 7 and later only)
- New option to prevent RAMDisk from starting on boot for testing
- Save Disk Image Now option added to File menu
- Bug fixes
- Updated user's manual

**Version V4.1.2.RC1 Released May 31, 2013:**

Changes in V4.1.2.RC1:

- Several minor user interface improvements

**Version V4.1.1.RC3 Released May 28, 2013:**

Changes in V4.1.1.RC3:

- Several minor user interface improvements

**Version V4.1.0.RC24 Released April 25, 2013:**

Changes in V4.1.0.RC24:

- Fixes issue that prevents the configuration utility from starting on international versions of Windows

**Version V4.1.0.RC23 Released April 11, 2013:**

Changes in V4.1.0.RC23:

- Numerous minor bug fixes, improved installation and error handling
- CTRL+S now saves settings properly
- Improved GUI informational messages
- Improved management of options while selecting Load/Save
- Updated GUI to .NET

**Version V4.0.5.RC0 Released March 1, 2013:**

Changes in V4.0.5.RC0:

- Fixes occasional format errors on 32-bit systems using memory above 4 GB without a load image file

**Version V4.0.4.RC2 Released January 22, 2013:**

Changes in V4.0.4.RC2:

- Fix installer error 1320 - the specified path is too long
- Driver will now refuse to start if a corrupted disk image is found at startup, preserving the backup file for manual recovery
- Added missing device driver event log messages for better diagnostics
- Fix a blue screen failure on shutdown on some multiprocessor systems
- Fix WMI error reported on 64-bit XP

**Version V4.0.1.RC9 Released December 6, 2012:**

Changes in V4.0.1.RC9:

- Updated user's manual - Clearer wording in some dialogs

- Fix issues downloading license file with certain Internet security suites installed
- Ensure maximum RAMDisk size is displayed correctly in all cases (freeware version)
- Fix "Invalid Picture, SetGlobals line 66" error when TEMP directory is not valid
- Fix "Windows was unable to complete the disk check" error
- Fix issue stopping and restarting RAMDisk on XP and Server 2003 systems
- Fix WMI error reported on 64-bit XP

**Version V4.0.0 Released September 11, 2012:**

Changes in V4.0.0:

- Support for Windows 8



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## **Dataram RAMDisk 4.4 Release Notes**

**Dataram RAMDisk current release 4.4 includes the latest performance enhancements and bug fixes and is compatible with AMD and Intel platforms.**

### **Feature Highlights of Dataram RAMDisk release 4.4**

- Automatic NTFS formatting
- Automatic assignment of Drive letter
- Several minor fixes implemented
- Updated user's manual
- Features removed:
  1. Starting with version 4.4, Ramdisk will not be supported for Windows XP
  2. Also user will not be able to use FAT16 or FAT32 or unformatted drive as a format option for RAMDISK, through the GUI. NTFS will be default format option through the GUI.
  3. In addition, user will not have the ability to create a RAMDisk without specifying an image path on harddisk
  4. Save of image file on non-system drives has been made optional
  5. Space reserved for OS increased to 1GB from 600MB.

## **Dataram RAMDisk 4.3.0 Release Notes**

**Dataram RAMDisk current release 4.3.0 includes the latest performance enhancements and bug fixes and is compatible with AMD and Intel platforms.**

### **Feature Highlights of Dataram RAMDisk release 4.3.0**

- New, simplified user interface workflow
- New "Advanced" view option for access to classic settings workflow
- Streamlined file save and load settings
- When an unformatted disk is created RAMDisk opens the Windows Disk Management window and prompts the user to format the disk
- Process "trim" commands to reduce image file size when data is deleted from an NTFS RAMDisk (Windows 7 and later only)
- Load in Background is automatically set by default if licensed
- New option to prevent RAMDisk from starting on boot for testing
- Save Disk Image Now option added to File menu
- Periodic auto saving is no longer supported and is replaced by background update (licensed versions only)
- Updated user's manual

### **Bug fixes of Dataram RAMDisk release 4.2.1**

- Fixed version check in installer which prevented Radeon™ RAMDisk from installing on Windows 8.1 Preview
- Several minor fixes implemented

## **Dataram RAMDisk 4.1 Release Notes**

**Dataram RAMDisk release 4.1 includes the latest performance enhancements and bug fixes and is compatible with AMD and Intel platforms.**

## **Feature Highlights of Dataram RAMDisk release 4.1**

- Updated GUI improvements .NET
- Updated installer package – Fewer clicks required to install
- Improved GUI event logging
- Improved management of options when setting Load/Save
- Additional options
  - Revert to last saved changes
  - Read settings from running driver

## **Performance Highlights of Dataram RAMDisk release 4.1**

- Performance gains on Dataram RAMDisk 32GB and 64GB
  - Vastly improved load and save mechanics allowing for background update and background loading of the RAMDisk. Reduces wait times for load and save. Tested using a 17GB RAMDisk with Bioshock Infinite. "Background Update" and "Load in Background" enabled (registered users only)<sup>1</sup>
    - Up to 122x faster save times
    - Up to 85x faster load times
  - Faster PC startup and shutdown while RAMDisk is enabled.<sup>2</sup>
    - Up to 3x faster startup
    - Up to 20x faster shutdown
- Improved IO performance on multi-processors and multi-core systems
  - Evenly distributed load among the CPUs. Allows for more system efficiency.

## **Bug fixes of Dataram RAMDisk release 4.1**

- Resolved Help -> User Manual selection not being available.