

Article Number

STOREMI_2.0.0.0113 BETA document version 08312020

AMD StoreMI Release Notes (2.0.0.0113 BETA)

Release Highlights

- Support added for 3rd Gen AMD Ryzen™ Desktop Processors on AMD X470 and B450 chipset motherboards
- Support added for 2nd Gen AMD Ryzen™ Desktop Processors on AMD X570, X470 and B450 chipset motherboards
- Support added for AMD Ryzen™ 2000 and 3000 Series Desktop Processors with Radeon™ Graphics on AMD X570 chipset motherboards
- Support added for AMD Ryzen™ 3000 Series Desktop Processors with Radeon™ Graphics on AMD X470 and B450 chipset motherboards
- Users presently running AMD StoreMI 2.x do not need to upgrade to this version. Should you still wish to upgrade, it is advised that you undo your StoreMI configuration, uninstall your current version, then install 2.0.0.0113 and re-create your StoreMI cache.

System Configuration Requirements

- 2nd or 3rd Gen AMD Ryzen™ Desktop Processors on AMD X570, B550, X470 or B450 chipset motherboards, or
- AMD Ryzen™ 2000 and 3000 Series Desktop Processors with Radeon™ Graphics on AMD X570 chipset motherboards, or
- AMD Ryzen™ 3000 Series Desktop Processors with Radeon™ Graphics on AMD X470 or B450 chipset motherboards, or
- AMD Ryzen™ 4000 Series Desktop Processors with Radeon™ Graphics on AMD X570 and B550 chipset motherboards, or
- 1st and 2nd Gen AMD Ryzen™ Threadripper™ Processors on AMD X399 chipset, or
- 3rd Gen AMD Ryzen™ Threadripper™ Processors on AMD TRX40 chipset
- Windows® 10 May 2019 Update (build 18362) or later.
- At least one rotational hard disk (HDD) of any capacity larger than the SSD cache device. The HDD must be connected to a SATA port provided by the AMD processor or chipset.
- At least one unformatted, uninitialized, unallocated SATA or NVMe SSD for storage acceleration.
- If using a brand new, unused SSD, simply plug the SSD into the system. Most new SSDs will offer a default name to identify it in the StoreMI Cache device menu.
- A used SSD can be re-used as a StoreMI cache device. However: all vital data must be backed up by the user, and [any existing partitions/volumes must be deleted](#) before proceeding.
- The former StoreMI tiering software should not be installed.
- The system should not be configured for RAID storage.

Advise

- Do not install AMD StoreMI 2.x on a system with RAID storage enabled in BIOS.
- Do not install AMD StoreMI 2.x over itself as a “repair installation.” Reverse your AMD StoreMI config (if any), uninstall the software, restart your PC, then reinstall the software.
- Do not install AMD StoreMI 2.x over previous versions of the software. The installer should warn if such is attempted.
- Shutdown times may be up to 5 seconds longer when AMD StoreMI and Windows® 10 Fast Startup are concurrently enabled.
- AMD StoreMI 2.x does not support silent or command line functions.
- AMD StoreMI 2.x installation requires that both the processor and chipset SATA controllers be enabled in the BIOS. However, the physical SSD and HDD intended for StoreMI may be connected to any available SATA controller. Most BIOSes come pre-configured with all SATA controllers enabled but select users may have to manually enable a default disabled controller.
- The AMD StoreMI 2.x user interface may not scale fully on a 4k monitor but is readable and functions fully.
- Should you wish to create a restore point, AMD recommends a [Windows System Backup Image](#) instead.
- The AMD StoreMI 2.x installation adds Storage Controllers seen under the Windows Device Manager. You can expect to see a “StoreMI Bottom Device” and “StoreMI Controller [storport]” for each installed hard disk and SSD storage device. Do not delete or modify these storage controllers. Each will be deleted if StoreMI is uninstalled and after rebooting.
- Notice/Information: Once AMD StoreMI technology is configured, included disks will be listed as “SCSI” devices in Windows Device Manager. This is expected behavior.
- Notice/Information: Your SATA HDD must be connected to a SATA port provided by the AMD processor or AMD chipset. SATA ports provided by 3rd-party disk controllers are not supported.
- Notice/Information: AMD StoreMI may not be compatible with some SSD monitoring utilities after StoreMI configuration. AMD recommends reinstalling the 3rd-party SSD management utilities to reorient them against the new disk environment.
- Notice/Information: After an AMD StoreMI device is created, the SSD cache can be cleared by using the “Separate” function, then using the “Create” function to recreate the desired StoreMI device. This step is not necessary for StoreMI operation, but users wishing to force a cache flush can follow this procedure.

Chipset Support

Windows 10	
AMD TRX40	Yes
AMD X570	Yes
AMD B550	Yes
AMD X399	Yes
AMD X470	Yes
AMD B450	Yes
AMD X370	No
AMD B350	No
AMD A320	No

Processor Support

- 2nd and 3rd Gen AMD Ryzen™ Desktop Processors
- AMD Ryzen 2000, 3000 and 4000 Series Desktop Processors with Radeon Graphics
- 1st, 2nd and 3rd Gen AMD Ryzen™ Threadripper™ Processors

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