RDX® QuikStor® SATA III Firmware Version 0254 Release Announcement

February 2024

Preface

This Product Information Bulletin announces the release of the new RDX QuikStor SATA III firmware version 0254. This replaces all previous versions.

Models Affected

RDX QuikStor Internal Drive, SATA III interface.

New Firmware Version 0254

Changes and Enhancements

Improved Cartridge Metadata Handling enhances the protection, accuracy, and reliability of cartridge metadata. Cartridge data is now better secured, and the accuracy and reliability of access have been improved, ensuring a more robust user experience.

Previous Firmware Version 0253

Changes and Enhancements

Hardware encryption feature added. Requires RDX Manager for Windows software utility version 0.1.0.22 or later to configure encryption on RDX QuikStor SATA III drive and RDX media.

Password protection feature for RDX media was added. Requires RDX Manager for Windows software utility version 0.1.0.22 or later to enable.

Security enhancement: Implemented digitally-signed firmware binaries to ensure that the code file has not been altered or corrupted.

NOTE: Once upgraded to digitally-signed firmware, previous versions of the firmware can no longer be used.

Fixed issue where update from version 0242 firmware to newer firmware could fail.

Previous Firmware Version 0245

Changes and Enhancements

Improved SATA-3 and SATA-1 command and protocol compatibility.

Fixed issue where the RDX QuikStor SATA III drive is not seen by host computer with Intel chipset enterprise driver installed.

Improved read error handling.

Previous Firmware Version 0242

Changes and Enhancements

Fixed issue where host computer cannot detect the RDX QuikStor SATA III drive when configured in 3G/6G mode. The SATA III drive now detects when the host is unable to reconnect after switching to 3G/6G mode. When reconnect fails the SATA III drive automatically drops back to 1.5G/3G mode.

Added LED error condition when SATA III drive firmware file is corrupt. LED color is amber to notify the user.

Fixed issue where the SATA III drive will drop off the host bus when read or write errors are detected.