

IBM LTO-9 Firmware Version R3G0 (FH) and R3G1 (HH) Release Announcement

April 2024

Preface

IBM LTO-9 firmware update R3G0 for full-height (FH) and R3G1 for half-height (HH) drives. These updates since versions Q9E0 (FH) and Q9E1 (HH) are intended, among other things, to increase overall reliability, improve tape handling, further reduce any possibility of error, and provide continued enhancements to diagnostic capabilities.

Models Affected

This firmware affects all IBM LTO-9 FH and HH drives.

Upgrade Considerations

All prior firmware versions can be upgraded to firmware version R3G0 for FH and R3G1 for HH drives.



CAUTION:

To prevent data corruption, verify that all active backup and recovery jobs to the LTO drive are completed prior to performing the upgrade.

Downgrades

Downgrades are not supported.

Fixes That Affect All Drives

- Fix drive reset that occurs at partition change
- Fix Load/Unload handling after checking CM fails
- Modify calibration/rechuck handling in write filter
- Fix 2C30 (write protect) with uninitialized WORM
- Fix Write failure (FSC 5023)
- Fix skew coil protection logic that caused FSC 2E12 on load
- Allow unload button pushing to work during TDS calibration
- Fix FSC 7853 error after rewind
- Fix drive panic during ERP calibration
- Fix minimum medium for use proportion value calculation
- Fix drive panic for consistency check at BOW
- Fix Write command timeout during Fast Sync writing

Fixes That Affect Only Certain Drive

HH Drives Only

- Modify tension limit to help LTO9HH in cold/dry environments

FC Drives

- FC REC Task Retry Identifier checked when not supported
- Resolve very small SRR race where FC interface may hang

Library Drives

- Fix condition where ADI library issued unload to LUN2 may hang when host prevents medium removal

Downloads

Firmware update code IBM LTO-9 R3G0 (FH) and R3G1 (HH) is available for [download](#) for supported users with active software entitlement agreements.

Additional documentation on how to operate, configure, and support your NEO library is available at our [Knowledge Base](#).