

IBM Drive Firmware Release Notes

Release	T3Q0 (FH) T3Q1 (HH)
Supported Product	IBM Gen 9 FH and HH Drives
Date	May 2026

Overview

IBM has released a firmware update T3Q0 (Full Height) and T3Q1 (Half Height). This firmware affects all Gen 9 Full Height (FH) and Half Height (HH) Drives. This update is intended to increase overall reliability, improve tape handling, further reduce any possibility of error, and provide continued enhancements to diagnostic capabilities. Firmware fixes since FH S2S0 code and HH code S2S1 follow.

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Fixes That Affect All Drives

Error Recovery

FSC	Issue
None	Improve re-chuck logic with read mode.
None	Enabled high resolution tape directory recovery from EOD wrap.
6017	Fixed Read timeout audit failure condition during calibration recovery.
None	Fixed lateral position recovery completion.

Host/SCSI

FSC	Issue
None	Updated timeouts for Read Attribute, Write, and Erase commands.
None	Corrected LP14h parameter 1000h.

Library

FSC	Issue
None	Added retry logic for iADT Service Discovery bind failures.
None	Fixed iADT Service Discovery announcement sending failure.

Load/Unload

FSC	Issue
	Fixed unload hang after lateral recovery failure.

Logging

FSC	Issue
None	Added lifetime tracking for temperature/humidity regions.
105C	Added new FSC definitions for temperature sensors.
None	Prioritized over-dew condition above over-temperature.
7076	Fix FSC 5002 drive panic due to race condition.
None	Corrected BOT/MOT counts of LP17h after unload.
6000	Fixed timing condition that caused record count mismatch between host interface and dataflow.
D06B	Disabled FSC posting during Write Read Audit detection failures.

Read/Write

FSC	Issue
None	Fixed panic during dump processing with active write/reads.
7076	Fixed read failure from invalid LPOS parameter.
None	Fixed EOD read failure from incorrect wrap value.

Tape Handling

FSC	Issue
7475	Prevented invalid segment reference during reposition.
7875	Increased acceptable tape thickness variation tolerance.
7853	Fixed tension adjustment for LTO8 tapes in LTO9 drives.
6000	Fixed wrap number conversion in FID content data.
7825	Prevented servo invalidation from repeated preemptive low tension.
106B	Disabled drive fencing for Write Read Audit failures during IFC.
7875	Fixed tape thickness calculation causing tension shutdown.

Fixes That Affect Only FH Drives

Load/Unload

FSC	Issue
None	Fixed load hang if cartridge is ejected just after tray down complete.

Logging

FSC	Issue
None	Added new FSC when write read audit could not complete the calibration during send diag or mode page.

Fixes That Affect Only HH Drives

Library

FSC	Issue
None	Added library fan detection and nulling.

Logging

FSC	Issue
2E1B	Removed unnecessary FSC 2E1B reporting.

Contacting Quantum Support

Below is information related to contacting Quantum Support as well as steps to improve your Quantum customer journey.

- [Chatbot below](#)
- [Open a Service Case below](#)
- [Use MyQuantum Service Delivery Platform on the next page](#)
- [Use Cloud Based Analytics \(CBA\) on the next page](#)
- [Escalate a Service Case on page 7](#)
- [Contact Quantum Sales on page 7](#)

Chatbot

An AI driven Quantum Chatbot is available to ask product support questions, open a service case, or chat with a call center agent. Locate the Q box on the bottom right of a Quantum web page, such as <https://www.quantum.com/en/service-support/>.

i Note: Some ad blockers might interfere.

Open a Service Case

Use any of the following methods to open a service case:

- AI driven Quantum Chatbot. Locate the Q box on the bottom right of a Quantum web page.
- Visit the [MyQuantum](#) portal (for more information, see [Use MyQuantum Service Delivery Platform on the next page](#)).

i Note: The MyQuantum portal is the most efficient and preferred method to open a service case.

- Visit the [Service & Support](#) page.

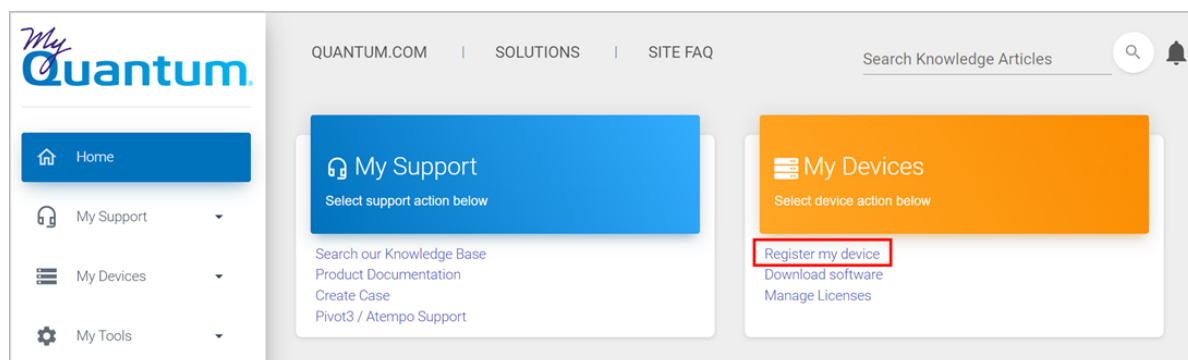
i Note: You can also access other Support related services.

- Call Quantum Support (see [Service & Support](#)).

Use MyQuantum Service Delivery Platform

MyQuantum is a single portal for everything Quantum. You can view assets, open service cases, receive real-time updates, and search the Knowledge Base and documentation, all through a secure, online portal.

1. Create an account and log in to the [MyQuantum Service Delivery Platform](#).
2. Register a product on [MyQuantum](#).



3. Request site access to the Cloud-Based Analytics (CBA) monitoring portal and follow the instructions to set up product(s) to connect to CBA. You can use CBA to monitor Quantum products remotely, from a single dashboard, and Quantum Support can use it to help troubleshoot products more efficiently.

Use Cloud Based Analytics (CBA)

Quantum products are equipped with a Cloud Based Analytics (CBA) agent that can provide log files and snapshots to Quantum CBA servers that are running in the cloud.

CBA enables Quantum systems to collect data regarding system and environment performance. The collected data is bundled and uploaded to the remote CBA server for analysis. You can access Quantum system performance and health results on the CBA dashboard (at <https://insight.quantum.com>) or through the MyQuantum Service Delivery Platform.

The CBA dashboard displays the analytic results of the uploaded CBA data using flexible charting tools, along with an overall health score of each Quantum system configured for the CBA account.

Refer to product documentation for product-specific information related to CBA.

Refer to the [Quantum CBA website](#) for general information about CBA.

Escalate a Service Case

To escalate a service case, follow the process documented here:
<https://www.quantum.com/en/service-support/resources/escalation/>

Contact Quantum Sales

<https://www.quantum.com/en/company/contact-us/>