

Scalar i7 RAPTOR

Release Notes 108Q.GS011

Original Product/Software Release Date July 2025

Contents

About This Release	2
General Information	2
Security Scanners	4
Compatibility and Support	4
Resolved Issues	7
Known Issues	8
Documentation	9
Contacting Quantum Support	10

© 2025 Quantum Corporation. All rights reserved. Your right to copy this manual is limited by copyright law. Making copies or adaptations without prior written authorization of Quantum Corporation is prohibited by law and constitutes a punishable violation of the law. ActiveScale, DXi, DXi Accent, FlexSync, FlexTier, iLayer, Lattus, Myriad, Quantum, the Quantum logo, QXS, Scalar, StorNext, SuperLoader, Unified Surveillance Platform, USP, Vision, and Xcellis are either registered trademarks or trademarks of Quantum Corporation and its affiliates in the United States and/or other countries. All other trademarks are the property of their respective owners. Quantum specifications are subject to change.

About This Release

The Scalar i7 RAPTOR 108Q.GS011 release is a feature and maintenance firmware release for the Scalar i7 RAPTOR libraries that details bug fixes described in the [Resolved Issues](#) section. Refer to [Known Issues](#) for additional information.

General Information

- The i7 RAPTOR library WebGUI application requires that the browser cache be cleared and the application re-loaded to ensure that all new functionality is implemented.
- Some snapshots, logs or RAS tickets are as large as 12 MBs. If you have automated notifications configured for RAS tickets and logs you may not receive them if your email does not allow attachments of this size.
- The Web client places a cookie on the user's computer to provide the last user's credentials upon login. The cookie only collects the user's credentials to facilitate login, and does not collect any other user data.
- Any application or browser connecting over https must support TLS v1.2 or higher.
- To help maintain system integrity and for marketing purposes, Quantum regularly collects system information through cloud based telemetric auto support. Thee auto support telemetric data contain configuration and status information only, and do not contain any customer data stored on the system.

Auto Support

To disable this function:

1. Log on to your library.
2. Select **Notifications** from the **Navigation** menu.
3. Select the check box next to *Auto Support* in the **North Panel**.
4. To disable RAS tickets, select **RAS Tickets** From the **Operation** panel.
5. De-select the **Enable Auto Support Communication** check box.
6. Click **Apply**, then **Close**.
7. From the **Operation** panel, select **Reports**.
8. Click the trash can icon next to **Scalar Telemetrics** report.
9. Click **Apply**, then **Close**.

After a library firmware upgrade, Quantum recommends that you clear your web browser cache before logging back into the WebGUI.

Library Default Settings

The Scalar i7 RAPTOR software is installed with certain default settings. This section outlines those default settings. Review this section to determine if any of the default settings need to be changed to make your library run more effectively.

WebGUI Path	Option	Default Setting
User Access > Settings	Local User Interface (LUI) Access	Open Access
	Admin/User Access: Session Timeout	15 minutes
	Services Access: Enable Remote Access	Disabled
	Enable Local Service Port Login: Access Window	Indefinite
Notifications > RAS Tickets	Enable RAS Tickets	Enabled
	Severity	All options Enabled
Library > IE Area	I/E Slots	0 (zero)
Library > Settings	Operational Parameters: Automatic Inventory	Disabled
	Operational Parameters: Library Assisted Drive Unload	Disabled
	Operational Parameters: Logical Drive Serial Number Addressing	Enabled
	Operational Parameters: Logical System Addressing	Disabled
	IE Assignment Mode: Local UI Assignment	Enabled
System > Network	Connectivity / SSH	Disabled
System > Notifications	Email Reports / Auto Support	Enabled
System > Settings	Library-Initiated Website Access	Enabled

Security Scanners

Quantum tests with the following Security scanners against the library:

- Tenable Nessus Professional Version 10 - Version 10.8.4 (#28) WINDOWS

No high/critical vulnerabilities found against this release using Nessus Professional Security Scanner.

Compatibility and Support

Encryption Key Management Drive Support

The following table provides the encryption key management drive support.

Full-Height Drives

Encryption Option	IBM LTO-7 (FH)	IBM LTO-8 (FH)	IBM LTO-9 (FH)
Application Managed Encryption	Supported	Supported	Supported
SKM	Requires SKM License	Requires SKM License	Requires SKM License
TKLM/SKLM ²	Requires EKM License	Requires EKM License	Requires EKM License
KMIP Key Manager ¹	Requires EKM License	Requires EKM License	Requires EKM License

1. Only SafeNet/Thales encryption key servers are supported/tested KMIP configurations.

2. Applies to IBM TKLM/SKLM and SGKLM (GKLM) key server communication using the KMIP communication protocol.

Web Browser Support

The Scalar i7 RAPTOR WebGUI supports the following web browsers. Quantum recommends upgrading to the latest version of the browser.

Web Browser	Versions Supported
Internet Explorer	Not supported.
Google Chrome	Version 114 and above.
Mozilla Firefox	Version 55 and above.
Apple Safari	Recommend latest version.
Microsoft Edge	Recommend using Edge version 79 or greater, using the Chromium engine. This resolves issues of slowness found in the older versions of Edge.

Drive Firmware

Scalar i7 RAPTOR Drives

FC Full High (FH) Drive Types	Latest Firmware Version
IBM LTO-7 (FC) (FH) 8 Gb	Q3A0 (Standard) ¹
	Q3A0 (FIPS)
IBM LTO-8 (FC) (FH) 8 Gb	Q3A0 (Standard) ¹
	Q3A0 (FIPS)
IBM LTO-9 (FC) (FH) 8 Gb	R3G0 (Standard) ¹
	R3G0 (FIPS)
IBM LTO-9 (SAS) (FH) 12 Gb	R3G0 (Standard) ¹
	R3G0 (FIPS)
¹ Bundled with library firmware.	

Tape Drive Driver Versions

Latest tape driver versions are located on the **Drivers** tab of the **Scalar i7 RAPTOR Downloads** page.

<https://www.quantum.com/en/service-support/downloads-and-firmware/scalar-i7-raptor/>

Resolved Issues

This release of i7 RAPTOR 108Q.GS011 firmware resolved the following issues (bug fixes).

Change Request Number	Customer Case Number	Description	Resolution
SI7-739		LUI Login functionality now enabled.	Enhancement.
SI7-1015		Drive cluster controller (DCC) information is not in the configuration record (ConfigRecord.txt) file.	Fixed.
SI7-1043		Scalar i7 RAPTOR module/section information is not in the configuration record (ConfigRecord.txt) file.	Fixed.
SI7-1047		Media exported out of I/E gets changed to system partition and cannot be accessed or moved.	Fixed.
SI7-1095		No RAS ticket generated when power supply is pulled from the library.	Fixed.
SI7-1131		Library snapshots not being sent to CBA.	Fixed.
SI7-1135		I/E robot scan issue.	Fixed.
SI7-1151		Motor issue after robot parks.	Fixed.
SI7-1196		Robot (RCS) resets during library snapshot.	Fixed.
SI7-1220		PUT aml/system/network/interface/eth0 error.	Fixed.
SI7-1225		Drive control failure issue.	Fixed.

Known Issues

This release of i7 RAPTOR 108Q.GS011 firmware has the following known issues:

Change Request Number	Description	Workaround
SI7-1051	Media exported from a partition cannot be imported into Cleaning Import modal.	This issue will be addressed in the next release.

Documentation

Scalar i7 RAPTOR Documentation

All Scalar i7 RAPTOR documentation is available at the Scalar i7 Documentation Center:
www.quantum.com/Scalari7RAPTORDocs

Scalar i7 RAPTOR documentation includes:

- Site Planning Guide
- Installation Guide
- Operation Guides
- Repair and Upgrade Guides
- Reference Guides (Web Services, SCSI, SNMP)

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 12](#)
- [Contact Quantum Sales on page 12](#)

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.

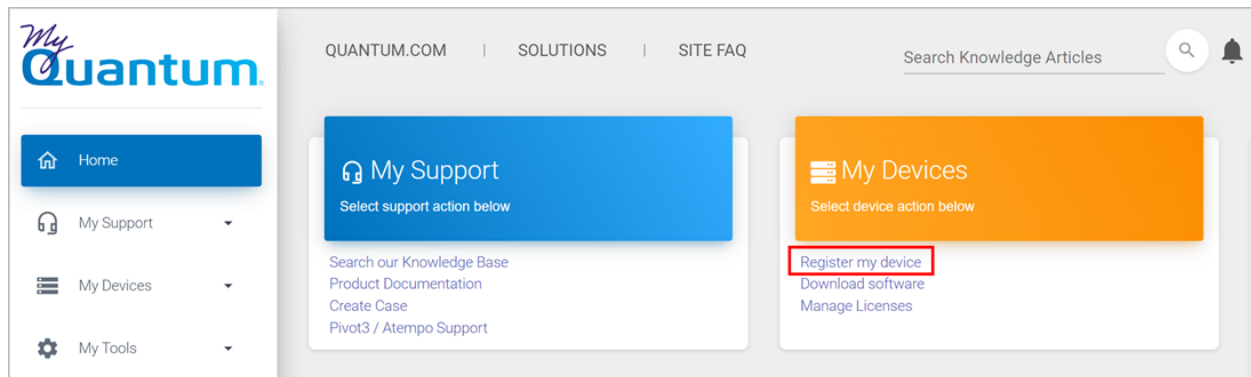
i Note: You can also access other Support related services.

- 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/>