Scalar i7 RAPTOR
Release Notes 104Q.GS021

Original Product/Software Release Date   May 2025

Contents

About This Release

The Scalar i7 RAPTOR 104Q.GS021 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 10.8.3 (#10) 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 104Q.GS021 firmware resolved the following issues (bug fixes).

Change Request Number	Service Request Number	Description	Resolution
WUI-2169		When selecting Automatic Inventory (Library > Settings), the Inventory Validation Only checkbox is automatically selected.	Enhancement.
SI7-986		Updated online help bundle.	Enhancement.

Known Issues

There are no documented Known Issues in this 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.

- Submit a Ticket (Service Request) below
- Use MyQuantum Service Delivery Platform on the next page
- Use Cloud Based Analytics (CBA) on page 10
- Escalate a Case on page 10
- Contact Quantum Sales on page 10

Submit a Ticket (Service Request)

If you need to submit a ticket or speak to Quantum technical support, go to the Support page at https://www.quantum.com/en/service-support/
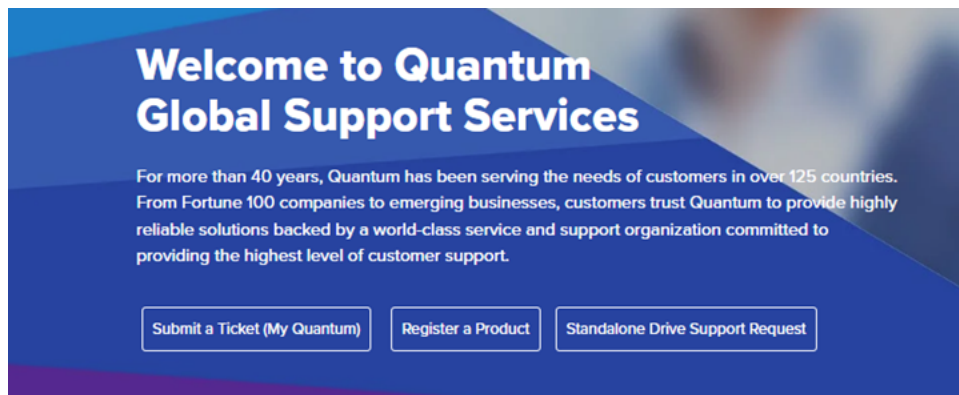

To start the process with Quantum Technical Support, click **Submit a Ticket**. From here, sign in to the MyQuantum Service Delivery Platform or create an account. For more information, refer to the Use MyQuantum Service Delivery Platform on the next page section below.
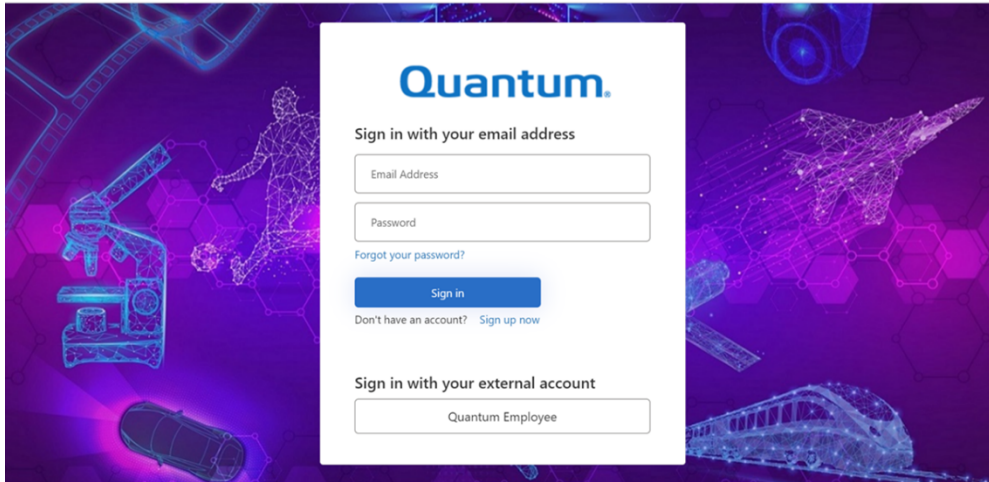
Use MyQuantum Service Delivery Platform

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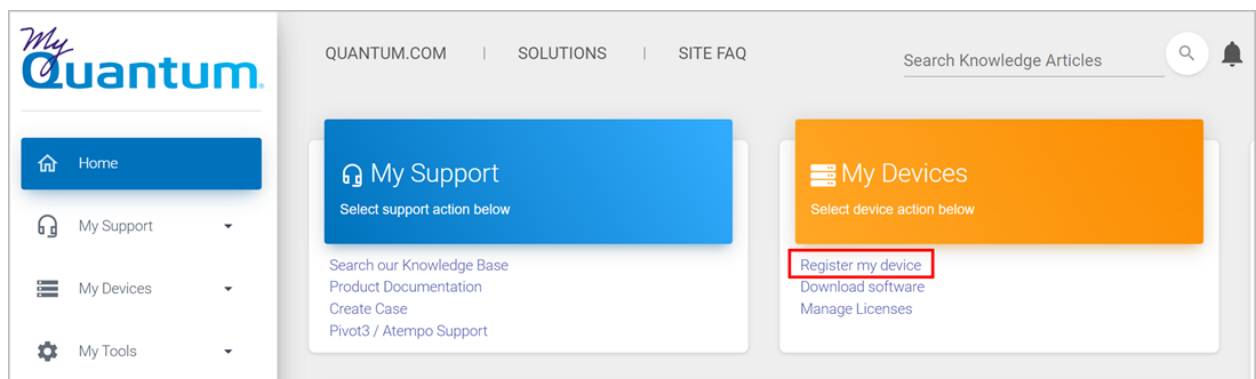
3. Request site access to the Cloud-Based Analytics (CBA) monitoring portal and follow the instructions to set up product(s) to connect to CBA. You can use CBA to monitor Quantum products remotely, from a single dashboard, and Quantum Support can use it to help troubleshoot products more efficiently.

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

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.

Escalate a Case

To escalate a 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/