

# Scalar i7 RAPTOR

## Release Notes 130Q.GS101

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Product/Software Release Date	February 2026
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### Contents

About This Release .....	2
General Information .....	2
Security Scanners .....	5
Compatibility and Support .....	5
Resolved Issues .....	8
Known Issues .....	11
Documentation .....	12
Contacting Quantum Support .....	13

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# About This Release

The Scalar i7 RAPTOR 130Q.GS101 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.

## What's New in this Release?

This release supports the Scalar i7 RAPTOR library. Fixes include:

- LTO-10 drive firmware update.
- New drive read/write audit feature.
- Username validation rules updated.
- To view all bug fixes and enhancements, see [Resolved Issues on page 8](#)

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## 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 Telemetry** 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
<b>User Access &gt; Settings</b>	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
<b>Notifications &gt; RAS Tickets</b>	Enable RAS Tickets	Enabled
	Severity	All options Enabled
<b>Library &gt; IE Area</b>	I/E Slots	0 (zero)
<b>Library &gt; Settings</b>	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
<b>System &gt; Network</b>	Connectivity / SSH	Disabled

WebGUI Path	Option	Default Setting
<b>System &gt; Notifications</b>	Email Reports / Auto Support	Enabled
<b>System &gt; Settings</b>	Library-Initiated Website Access	Enabled

# Security Scanners

Quantum tests with the following Security scanners against the library:

- Tenable Nessus Professional Version 10 - Version : 10.9.2 (#17) 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)	IBM LTO-10 (FH)
Application Managed Encryption	Supported	Supported	Supported	Supported
SKM	Requires SKM License	Requires SKM License	Requires SKM License	Requires SKM License
IBM SKLM (KMIP) <sup>2</sup>	Requires EKM License	Requires EKM License	Requires EKM License	Requires EKM License
KMIP Key Manager <sup>1</sup>	Requires EKM License	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 SKLM and 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	Recommend latest version.
Mozilla Firefox	Recommend latest version.
Apple Safari	Recommend latest version.
Microsoft Edge	Recommend latest version.

# Drive Firmware

## Scalar i7 RAPTOR Drives

FC Full High (FH) Drive Types	Latest Firmware Version
IBM LTO-7 (FC) (FH) 8 Gb	S2T4 (Standard) <sup>1</sup>
	S2T4 (FIPS)
IBM LTO-8 (FC) (FH) 8 Gb	S2T4 (Standard) <sup>1</sup>
	S2T4 (FIPS)
IBM LTO-9 (FC) (FH) 8 Gb	S2S0 (Standard) <sup>1</sup>
	S2S0 (FIPS)
IBM LTO-9 (SAS) (FH) 12 Gb	S2S0 (Standard) <sup>1</sup>
	S2S0 (FIPS)
IBM LTO-10 (FC) (FH) 32 Gb	SBN0 (Standard) <sup>1</sup>
	SBN0 (FIPS)
IBM LTO-10 (SAS) (FH) 12 Gb	SBN0 (Standard) <sup>1</sup>
	SBN0 (FIPS)

<sup>1</sup> 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 130Q.GS101 firmware resolved the following issues (bug fixes).

Change Request Number	Customer Case Number	Description	Resolution
SI7-744		Support added to collect CM page 183 data to evaluate LTO-9 media calibration results.	Enhancement.
SI7-773 WUI-2281		Drive R/W Audit feature added to partitions. This feature allows write validation/confirmation tests on drives in a selected partition.  <b>i Note:</b> There is currently an issue with the IBM LTO drive code bundled with this release that causes R/W audit test failures. Please do not use this feature until new drive firmware is released to fix this issue.	Enhancement.
SI7-1042		Support added to detect presence of top and second-to-top magazine in each magazine group.	Enhancement.
SI7-1149		Varied off drive beacon not lit after library firmware restart.	Fixed.
SI7-1230	847372	Intermittent RCS communication issues during DPK extended snapshot collection.	Fixed.
SI7-1321		Drive mode status inconsistencies occur when drive status is changed but canceled before the change is applied.	Fixed.
SI7-1333		Support added for LTO-10 Aramid media.	Enhancement.
SI7-1368	852133	Robot move from picker to storage fails.	Fixed.
SI7-1426		Cleaning slot assignment performance issue.	Fixed.
SI7-1427		Performance issue when creating/editing/deleting a partition with maximum resource assignment.	Fixed.



Change Request Number	Customer Case Number	Description	Resolution
SI7-1460 WUI-2338	854250	LTO-9 media that has been successfully calibrated has status of START_TIMEOUT. Status is now ALREADY_CALIBRATED.	Fixed.
SI7-1464		User role does not have permission to send library snapshot.	Fixed.
SI7-1469		Data encryption unknown in EKM Media Status report.	Fixed.
SI7-1470	856511	Library incorrectly reports that inner magazine slot is full.	Fixed.
SI7-1482		Sysinfo log error when capturing library TLC VPD information.	Fixed.
SI7-1488		Service Tray Unlock RAS ticket added.	Enhancement.
SI7-1490		Service Magazine Sensor status enhancements in LUI.	Enhancement.
SI7-1512	857527	Authentication errors occur during test email attempts.	Fixed.
SI7-1561 SI7-1546 WUI-2305	858775	Username validation rules updated in Web Services API, LUI, and WebGUI to support LDAP compatibility.	Enhancement.
SI7-1563		Automatic camera refresh for LUI inside view.	Enhancement.
SI7-1586		Drive control path issues occur during library firmware upgrade.	Fixed.
WUI-1269		Cleaning status added to drive Information panel.	Enhancement.
WUI-2226		Logically blocked scratch tape should not be available for a diagnostic test if IE area is configured.	Fixed.
WUI-2255		Drive-media compatibility rule added to Drive Read/Write Performance test.	Enhancement.
WUI-2289		Robot now shows as status of "Media Present" instead of "Operational" when the robot picker holds a media tape.	Enhancement.
WUI-2319		Failed state added to diagnostic tests.	Enhancement.

Change Request Number	Customer Case Number	Description	Resolution
WUI-2320		Block button added to Media page. Cleaning dialog box does not offer inaccessible tapes in I/E slots as available for cleaning.	Enhancement.
WUI-2330		Media block button now enabled for cleaning media in a partition for application-managed cleaning.	Enhancement.

# Known Issues

This release of i7 RAPTOR 130Q.GS101 firmware has the following known issues:

Change Request Number	Description	Workaround
SI7-1410	Offline EDLM drive reports RAS ticket for unexpected media presence.	Disregard and clear RAS ticket.
SI7-1434	Network connectivity lost to WebGUI during a complete library inventory.	Inspect the library to see if the robot is still in the process of performing inventory or if it is parked and inventory is complete. If you do not have physical access to the library. Close the WebGUI and wait 2-4 hours (depending on system size and media count) before logging back into the WebGUI.
SI7-1537	Drive calibration status does not change when an LTO-9 drive is selected for calibration.	Wait 30 seconds for the drive status to update.
SI7-1634	R/W test audit failure occurs.	There is currently an issue with the IBM LTO drive code bundled with this release that causes R/W audit test failures. Please do not use this feature until new drive firmware is released to fix this issue.
WUI-2006	LDAP - Enable Kerberos does not occur if the Kerberos configuration was previously enabled and disabled.	Disable and re-enable LDAP.
WUI-2160	Spinner continues after library snapshot file has already been created and downloaded.	Check downloads folder to verify that the snapshot download is complete. Once complete, log out and log back into the WebGUI to clear the spinner.

# Documentation

## Scalar i7 RAPTOR Documentation

All Scalar i7 RAPTOR documentation is available at the Scalar i7 Documentation Center:  
[www.quantum.com/Scalari7RAPTORDocs](http://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)

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# 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 15](#)
- [Contact Quantum Sales on page 15](#)

## 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/>.

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**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](#)).

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

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

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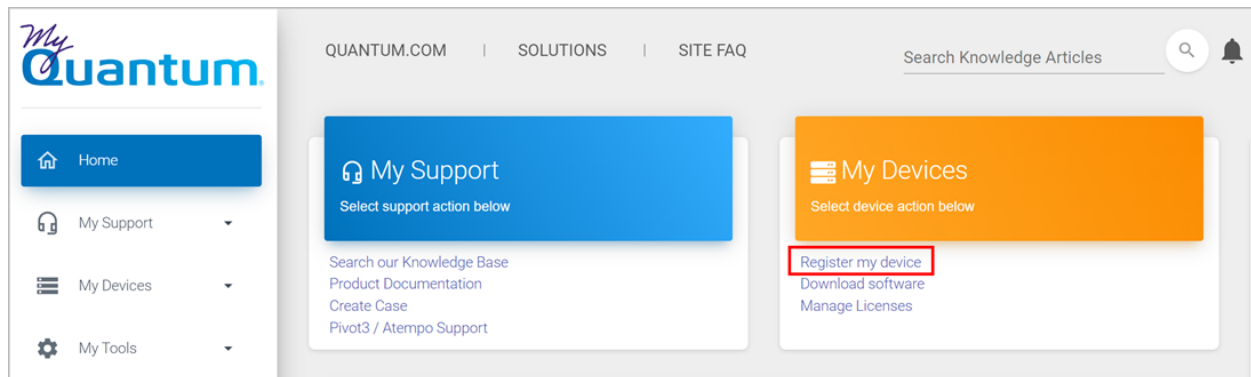
**i Note:** You can also access other Support related services.

- 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/>