Quantum®

DXi V5000, DXi4800, and DXi9000 Series Release Notes 4.7

Contents

Purpose of This Release

The DXi 4.7 Software release supports DXi4800, DXi9000/9100, and DXi V5000 disk backup systems.

What's New in DXi 4.7?

This software release features the following new features and updates:

- **Two new Ethernet cards -** The following new Ethernet cards are now available for DXi4800 and DXi9000/9100 systems.

  - Quad-port 10/25 GbE

  - Dell Nvidia/Mellanox Technologies MT2892 Family [ConnectX-6 Dx]
    This card is a replacement for the Dell Mellanox CX5EN, Agile PN 1-06503-02, which has reached End Of Life (EOL)

  ⓘ Note: Prior to installing these cards, your system requires an update to DXi software version 4.7.

- **Various maintenance updates**

  ⓘ Note: Systems using DXi Software versions earlier than 4.5.0.3 must upgrade to 4.5.0.3 before upgrading to version 4.7. In general, Quantum strongly recommends upgrading to the latest version of DXi software before installing capacity upgrades, regardless of the capacity increment.

Software upgrade requirements from earlier versions are available in those earlier-releases' Release Notes and archived in your product's documentation center at *Resources > Release Notes > Release Notes Archive.*

Product Compatibility List

The following table provides information about DXi hardware compatibility with DXi 4.7 Software.

Component	Description
DXi4800	• 1 Node • 1 to 2 RAID controller cards. • 0 to 4 Expansion modules (JBODs) • 1 x 1 GbE Ethernet ports • (Optional) 2 x 10 GbE Ethernet ports • (Optional) Up to 8 x 25 GbE Ethernet ports (SFP28 optical or DAC Copper) • (Optional) Up to 16 x 10 GbE SFP Ethernet ports or 16 x 10GbE Base-T Ethernet ports. • (Optional) Up to 16 x 16 Gb Fibre Channel ports (for VTL or PTT) • (Optional) Up to 8 x 100 GbE Ethernet ports (Optical or DAC Copper) • 8 TB - 315 TB usable capacity
DXi9000 SD	• 1 Node • 1 Array module (RBOD) • 0 to 9 Expansion modules (EBODs) • 1 x 1 GbE Ethernet ports • (Optional) 2 x 10 GbE Ethernet ports • (Optional) Up to 8 x 25 GbE Ethernet ports (SFP28 optical or DAC Copper) • (Optional) Up to 16 x 10 GbE SFP Ethernet ports or 16 x 10GbE Base-T Ethernet ports. • (Optional) Up to 16 x 16 Gb Fibre Channel ports (for VTL or PTT) • (Optional) Up to 8 x 100 GbE Ethernet ports (Optical or DAC Copper) • 51 TB - 1020 TB usable capacity

Component	Description
DXi9000 HD	• 1 Node • 1 Array module (RBOD) • 1 Expansion module (EBOD) • 1 x 1 GbE Ethernet ports • (Optional) 2 x 10 GbE Ethernet ports • (Optional) Up to 8 x 25 GbE Ethernet ports (SFP28 optical or DAC Copper) • (Optional) Up to 16 x 10 GbE SFP Ethernet ports or 16 x 10GbE Base-T Ethernet ports. • (Optional) Up to 16 x 16 Gb Fibre Channel ports (for VTL or PTT) • (Optional) Up to 8 x 100 GbE Ethernet ports (Optical or DAC Copper) • 204 TB - 1020 TB usable capacity
DXi9100	• 1 Node • 1-2 Array modules (RBODs) • 0-2 Expansion modules (EBODs) • 1 x 1 GbE Ethernet ports • 2 x 10 GbE Ethernet ports • (Optional) 2 x 10 GbE Ethernet ports • (Optional) Up to 8 x 25 GbE Ethernet ports (SFP28 optical or DAC Copper) • (Optional) Up to 16 x 10 GbE SFP Ethernet ports or 16 x 10GbE Base-T Ethernet ports. • (Optional) Up to 16 x 16 Gb Fibre Channel ports (for VTL or PTT) • (Optional) Up to 8 x 100 GbE Ethernet ports (Optical or DAC Copper) • 204 TB - 2 PB usable capacity

Resolved Issues

The following issues were resolved in DXi 4.7 Software.

Bug Number	SR Number	Description
52600	656131, 657708, 662837, 662839, 677876, 684566	During DXi upgrade Scheduler could not be upgraded due to PostgreSQL problem.

Documentation

For the latest DXi V5000, DXi4800, and DXi9000 Series documentation using DXi 4.7 software, see the following DXi Documentation Centers:

- **DXi V5000 Documentation Center:** www.quantum.com/dxiv5000docs
- **DXi4800 Documentation Center:** www.quantum.com/DXi4800Docs
- **DXi9000 Series Documentation Center:** www.quantum.com/DXi9000Docs

Supported Backup Applications

For the current list of backup applications supported for use with DXi 4.7 Software:

1. Click on https://www.quantum.com/swcompguide.aspx

   The **Support > Software Compatibility With Tape Libraries** page appears.

2. In the **Compatibility Guide** list, select **Software / Disk-Based Backup Systems.**

3. (Optional) Select your system and software from the **Storage Device** and **Application Software** lists.

   Note: If the storage device and application software are not selected, a full list of all available devices and software will appear and requires a minute or two to populate. Select your system and software for a faster-appearing, shorter list. Contact the backup application vendor for the latest software revision information.

4. Click **Submit.**

DXi Additional Notes

Email Reports

Quantum recommends enabling **Email Reports** after upgrading to DXi 4.7 Software (if not already enabled). When enabled, **Email Reports** periodically sends system configuration and status information to Quantum, including any software upgrades you have installed using the **Software Upgrade Utility.** Quantum Support can use this information to provide a better support experience in the future.

> ℹ **Note:** To help maintain system integrity, Quantum regularly collects system information through automatic emails. These emails contain configuration and status information only, and do not contain any customer data stored on the system.

To configure Email Reports:

1. Make sure a valid outgoing e-mail server is specified on the **Configuration > Notifications > Email > Server** page.

2. (Optional) Specify any additional recipients to receive the reports on the **Configuration > Notifications > Email > Email Reports > Recipients** page.

3. Make sure a weekly **Email Reports** schedule is configured on the **Configuration > Scheduler** page. Configure two weekly recurring events: one for **Status** reports and one for **Configuration** reports.

Contacting Quantum

More information about this product is available on the Service and Support website at https://www.quantum.com/en/service-support/. The Service and Support website contains a collection of information, including answers to frequently asked questions (FAQs). You can also access software, firmware, and drivers through this site.

For further assistance, or if training is desired, contact the Quantum Customer Support Center:

Region	Support Contact
North America	1-800-284-5101 (toll free)
	+1-720-249-5700
EMEA	+800-7826-8888 (toll free)
	+49 6131 324 185

Region	Support Contact
Asia Pacific	+800-7826-8887 (toll free)
	+603-7953-3010

For worldwide support:

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