

HP StorageWorks 1/8 G2 Tape
Autoloader, and MSL2024, MSL4048,
and MSL8096 Tape Libraries
Ultrium 920 parallel SCSI tape drive
firmware release notes

Version D24W



Description

This release includes updated tape drive firmware for Ultrium 920 half-height parallel SCSI HP StorageWorks 1/8 G2 Tape Autoloaders, and MSL2024, MSL4048, MSL 8048, and MSL8096 Tape Libraries.

The tape drive firmware can be updated through any of the following methods:

- Remote management interface (RMI).
- Operator control panel (OCP).
- HP Library and Tape Tools (L&TT).

Tape drive firmware versions

- D24W — parallel SCSI

Update recommendation Recommended

Supersedes All earlier versions of tape drive firmware.

Product models

All HP StorageWorks 1/8 G2 Tape Autoloaders and MSL2024, MSL4048, and MSL8096 Tape Libraries with one or more parallel SCSI Ultrium 920 tape drives.

Languages

- English (American)
- English (International)

Fixes

Fixed a case where the tape drive appeared unresponsive following error conditions with certain non-HP 320 MB/sec HBAs. This issue has only been detected in Linux operating systems.

Installation instructions

To upgrade firmware from the RMI:

1. Download current firmware using HP Library & Tape Tools or from the HP support website: <http://www.hp.com/support/storage>
2. Log into the RMI as the administrator user.
3. In the **Support: Firmware** page, select the tape drive, browse to the location of the tape drive firmware file, and click **Update**.
4. Repeat step 3 for additional Ultrium 920 pSCSI tape drives in the Library.

To upgrade firmware from the 1/8 G2 Autoloader or MSL2024 OCP using a USB flash drive:

1. Download current firmware using HP Library & Tape Tools or from the HP support website: <http://www.hp.com/support/storage>. Copy the firmware onto the USB flash drive.
2. Insert the USB flash drive into the USB port on the back of the Library.
3. From the Home screen, press **Next** until the screen displays **Support**. Press **Enter** to select.
4. Press **Next** until the screen displays **Drive FW upgrade**. Press **Enter** to select.
5. Enter the administrator password if prompted.
6. Press **Next** until the screen displays the filename of the tape drive firmware file on the USB drive. Press **Enter** to select the firmware file.
7. If the upgrade failed, press **Enter** to display the error code and message describing the cause of the failure.
8. Repeat step 7 if the Library has a second HP Ultrium 920 pSCSI tape drive
9. When the upgrade is complete, remove the USB flash drive from the USB port.

To upgrade firmware from the MSL4048, MSL8048, or MSL8096 OCP using a USB flash drive:

1. Download current firmware using HP Library & Tape Tools or from the HP support website: <http://www.hp.com/support/storage>. Copy the firmware onto the USB flash drive.
2. Insert the USB flash drive into the USB port on the back of the Library.
3. From the **Support** menu, select **FW Upgrade > By USB**.
4. Select the tape drive as the target for the upgrade, and select the filename of the firmware. Click **Upgrade**.
5. Repeat step 4 for additional Ultrium 920 pSCSI tape drives in the Library.
6. When the upgrade is complete, remove the USB flash drive from the USB port.

Determining current version

Download current firmware using HP Library & Tape Tools or from the HP support website: .

Parallel SCSI versions

Firmware Version	Released	Status
D23W	07/24/2009	Active
D24W	04/26/2010	Active

Effective date

April 26, 2010