

## Package Contents

- *Unpacking Instructions*
- Sil 4726 Storage Appliance
- Two-meter length external SATA cable
- AC power cord
- CD-ROM containing:
  - Sil 4726 Manager Software
  - *Quick Installation Guides*
  - *User's Guides*

If ANY of the contents are missing or appear damaged, please contact your dealer/distributor immediately.

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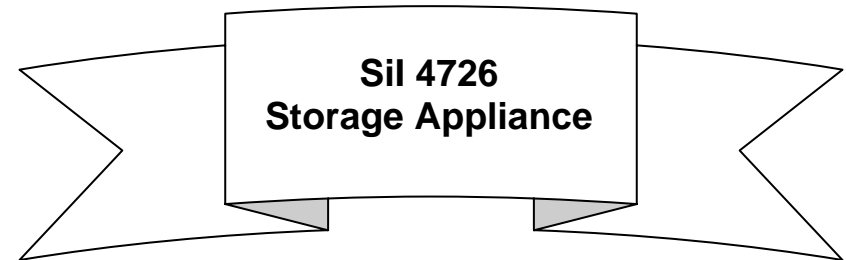
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# Quick Installation Guide (Linux)



# Sil 4726 Installation

## Introduction

The Sil 4726 Storage Appliance is a five-drive array that connects to the external SATA connector on your host computer.

## Prerequisites

- Hardware**
  - Intel PIII 500MHz equivalent or faster
  - CD-ROM drive
  - 64 MB of RAM minimum
  - 250 MB of free hard disk space
  - Super VGA (800 x 600) or higher resolution with 256 colors
  - Mouse or compatible pointing device
  - External SATA cable connection between the Sil 4726 Storage Appliance and host computer
  - SteelVine Host Bus Adapter card, part number SV-HBA3124, or another SATA host controller with Port Multiplier (PM) support
- Software**
  - SUSE LINUX Professional 9.2 or Enterprise Server 9.0, Fedora Core 2, Red Hat Enterprise Linux 3.2
  - SV-HBA3124 CD
  - Sil 4726 CD

## Procedure

1. Turn off your host computer.
2. Connect one end of the external SATA cable to the external SATA connector on your host computer. If needed, install the SV-HBA3124 card and driver (see the *SV-HBA3124 Quick Installation Guide*).
3. Connect the other end to the Sil 4726 Storage Appliance.
4. If hard disk drives are not installed in the appliance, insert the drives most of the way into each bay; flip out the drive carrier lever, gently insert the drive carrier until the drive is almost fully inserted, and push the lever shut to seat the drive securely.
5. Attach one end of the AC cable to the Sil 4726 Storage Appliance and the other end to the proper AC receptacle.
6. Turn on the Sil 4726 Storage Appliance.
7. Turn on the host computer.
8. Change directory to **/dev**.
9. Verify an unpartitioned Sil 4726 disk is visible. The final **sdN** disk in the list of enumerated SCSI disks represents the Sil 4726 processor. Do not initialize or partition this Sil 4726 processor disk.
10. If you plan to use the currently defined configuration, format the unpartitioned disk so it is recognized as a volume. Otherwise, follow these steps to install the Sil 4726 Manager software:
  - Log in to your host computer as the **root** user.
  - Insert the Sil 4726 installation CD in the CD-ROM drive.
  - Open the installation CD and select the Linux folder.
  - Copy the **Sil 4726r\_V<number>.tgz** file to **/usr/local** on your Linux host.
  - Change directory to **/usr/local**.
  - To expand the copied file, type the following command:

```
tar xvfz SiI 4726r_V<number>.tgz (or
./setup.sh)
```
  - Change directory to **/usr/local/Sil 4726**.
  - To start the Sil 4726 daemon, type the following command:

```
./SiI4726 -e (alternative: type
./start_server.sh in /usr/local directory)
```
  - To start the Sil 4726 Manager, open a new terminal window, log in as a non-root user, and type the following command:

```
./SiI4726UI (alternative: type
./start_client.sh in /usr/local directory)
```
  - Follow the instructions in the *Sil 4726 Manager User's Guide* to create logical volumes (virtual disks).
  - Use appropriate Linux commands for your environment to create partitions on the virtual disks.
  - Use appropriate Linux commands for your environment to create and mount file systems on the partitions.