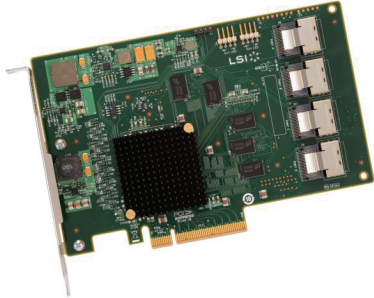


Quick Installation Guide

LSI® SAS 9201-16i PCI Express® to 6Gb/s SAS Host Bus Adapter



Thank you for purchasing the LSI SAS 9201-16i Host Bus Adapter (HBA). Please take a few minutes to read this quick installation guide before you install the HBA.

For more information about any topic covered in this guide, refer to the documents listed with your product at the following link:

<http://go.lsi.com/hbas>

After navigating to your product, select **Software Downloads** to locate necessary device drivers.

ATTENTION: Perform all installation work at an electrostatic discharge (ESD)-safe workstation that meets the requirements of EIA-625. *Requirements for Handling Electrostatic Discharge Sensitive Devices*. You must perform all actions in accordance to the latest revision of the IPC-A-610 ESD-recommended practices.

To install the LSI® SAS 9201-16i HBA, follow these steps:

1. Unpack the HBA, and inspect it for damage. Unpack the HBA in a static-free environment. Remove the HBA from the antistatic bag, and carefully inspect the device for damage. If you notice any damage, contact LSI or your reseller support representative.

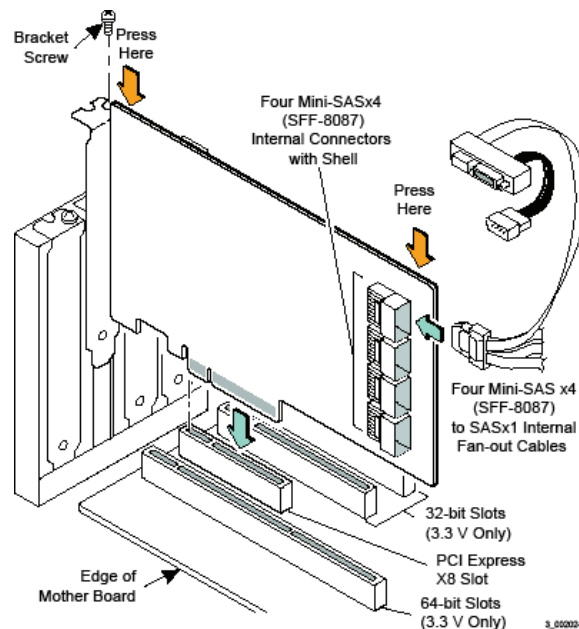
ATTENTION: To avoid the risk of data loss, make a backup of your data before changing your system configuration.

2. Prepare the computer. Turn off the computer, and remove the power cord from the rear of the power supply.

CAUTION: Disconnect the computer from the power supply and from any networks to which you will install the HBA, or you risk damaging the system or experiencing electrical shock.

3. Remove the cover from the chassis.

4. Insert the HBA in an available PCIe® slot. Locate an empty PCIe slot. Remove the blank bracket panel on the back of the computer that aligns with the empty PCIe slot. Save this bracket screw, if applicable. Align the HBA to a PCIe slot. Press down gently, but firmly, to seat the HBA correctly in the slot. The following figure shows how to insert the HBA in a PCIe slot.



NOTE: The shape, size, and locations of the components on your HBA and its bracket might vary from this illustration. The HBA requires a x8 PCIe slot.

5. Secure the HBA bracket to the system's chassis. Install the bracket screw, if applicable, or engage the system retention mechanism to secure the HBA to the system's chassis.



47212-01A

6. Connect SAS cables between the HBA and the SAS backplane that contains any other SATA or SAS devices. The LSI SAS9201-16i has four internal x4 mini-SAS connectors, each connecting to four 6Gb/s SAS ports. Use the appropriate cable to connect the HBA to SAS or SATA storage devices.

For connection to internal drives or backplanes, use an internal cable with a standard mini-SAS connector (SFF-8087) on the controller side of the cable. The other end of the cable may fan out into four SAS-style cables for direct connection to SAS or SATA disk drives. The previous figure shows the connector locations on the LSI SAS9201-16i and the use of a controller-based, fan-out cable to connect to drives that require a SAS-style signal connector.

7. Replace the cover and any power cords, and power up the system. Replace the chassis's cover, reconnect any power cords, and reconnect any network cables. Turn on the power.

The hardware installation of your LSI 6Gb/s SAS HBA is complete. The next procedure is to install the appropriate operating system drivers.

DRIVER INSTALLATION

All driver installation instructions are available at <http://go.lsi.com/hbas>. Select **6Gb/s SAS HBAs > Product Name > Software Downloads**.

TECHNICAL SUPPORT

For assistance installing, configuring, or running the LSI SAS 9201-16i HBA, contact LSI Technical Support:

E-mail: globalsupport.pld@avagotech.com

Web Site: www.lsi.com/support/

WARRANTY NOTICE

1. The warranty does not cover the return of parts damaged by changing the bracket.
2. The warranty does not cover ESD damage to the HBA. HBAs returned without a bracket mounted on the board will be returned without return merchandise authorization (RMA) processing.

Avago Technologies, the A logo, LSI, and Storage by LSI are trademarks of Avago Technologies in the United States and/or other countries. All other brand and product names may be trademarks of their respective companies.

Corporate Headquarters
San Jose, CA

Email
globalsupport.pld@avagotech.com

Website
www.lsi.com

Document Number: 47212-01A
Copyright © 2014 Avago Technologies
All Rights Reserved. October 2014.

AVAGO
TECHNOLOGIES
STORAGE BY LSI™