HPE SAS Expander Card - Support Guides

HPE SAS Expander Card - Support Guides

© Copyright ,

Notices

The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Confidential computer software. Valid license from Hewlett Packard Enterprise required for possession, use, or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

Links to third-party websites take you outside the Hewlett Packard Enterprise website. Hewlett Packard Enterprise has no control over and is not responsible for information outside the Hewlett Packard Enterprise website.

Acknowledgments

Intel®, Itanium®, Optane™, Pentium®, Xeon®, Intel Inside®, and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries.

AMD and the AMD EPYC™ and combinations thereof are trademarks of Advanced Micro Devices, Inc.

Microsoft® and Windows® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Adobe® and Acrobat® are trademarks of Adobe Systems Incorporated.

Java® and Oracle® are registered trademarks of Oracle and/or its affiliates.

UNIX® is a registered trademark of The Open Group.

All third-party marks are property of their respective owners.

Revision history

Part number	Publication date	Edition	Summary of changes

Table of contents

Troubleshooting

HPE SAS Expander Card - Issue During Installation (Cabling) 5

Issue 5

Answer 5

Topic name not available 7

HPE SAS Expander Card - Issue During Installation (Cabling)

Issue

Endusers are having issues during the installation of the HP SAS Expander card. The SAS Expander card is an option card that allows the server to use up to 24 hard drives when connected to a Smart Array P410 Controller (SA-P410) or Smart Array P410i Controller (SAP410i) plus an external connection for tape. This document is intended to help the end user with the installation on this device.

Answer

First follow the steps below:

1. Install the plastic bracket (Optional):

   a). Install the plastic bracket on the expander card.

   b). Install the plastic rivets through the rear of the expander card.

2. Connect the cables provided in the kit to the expander card.

3. Route the cables through the cable management loops on the bracket, if installed.

This is how to route the cables:

Expander card connector >----------< Server connector

Port 1C (External connector) >----------< HP external tape device

Port 2C - Port 7C >----------< Hard drive backplanes

Port 8C >----------< Controller port 1

Port 9C >----------< Controller port 2

Figure 1: Port 8C connection from integrated controller to SAS Board

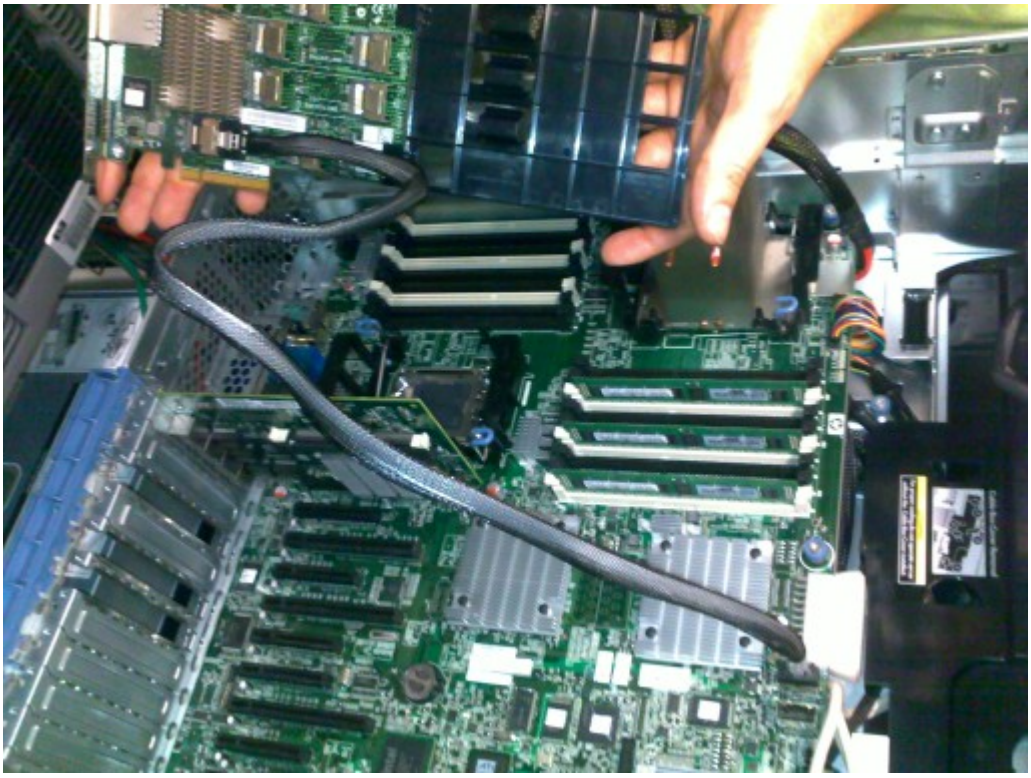
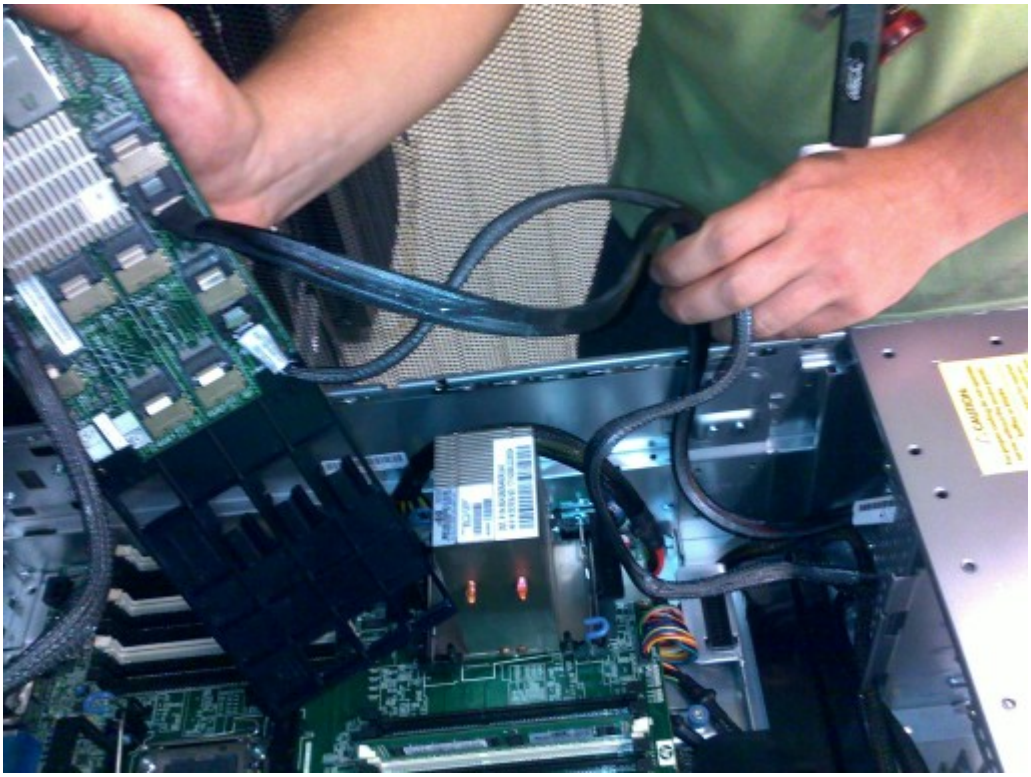


Figure 2: Connection from ports 2C and 3C to backplane



Relevant links:

Click here to access the technical article of HP 24 Bay 3Gb SAS Expander Card (468406-B21) - Specifications.

Click here to accedd HP SAS Expander Card Installation Instructions.

Compatible products for:

HP 24 Bay 3Gb SAS Expander Card (468406-B21)HP

ProLiant DL Servers:

HP ProLiant DL370 G6 Server series

HP ProLiant DL380 G6 Server series

HP ProLiant DL385 G5p Server series

HP ProLiant DL385 G6 Server series

HP ProLiant ML Servers:

HP ProLiant ML350 G6 Server series

HP ProLiant ML370 G6 Server series

NOTE:

If the server is unable to detect the SAS Expander Card, enable the PCI Express Generation 2.0 Support to Auto mode which is available under Power Management Options > Advanced Power Management Options in ROM-Based Setup Utility.