

Installing and Removing a Mini-GBIC

A Manual Supplement

for the HP Procurve Routing Switch 9304M and 9308M

This supplement provides installation information for the following HP Procurve Mini-GBIC products:

- J4858A HP ProCurve Gigabit-SX Mini-GBIC (supports multi-mode fiber; LC connector)
- J4859A HP ProCurve Gigabit-LX Mini-GBIC (supports single-mode and multi-mode fiber; LC connector)

You can install any combination of the above mini-GBICs in the HP Procurve 9300 mini-GBIC modules listed in the following note.

NOTE: To use a Mini-GBIC, you must install it in either of the Mini-GBIC *modules* described below. This document assumes that you have already installed at least one of these modules in your HP Procurve Routing Switch 9304M or 9308M:

- J4856A HP Procurve 9300 Mini-GBIC Module
- J4857A HP Procurve 9300 Mini-GBIC Redundant Management Module

For information on installing a module in your routing switch, refer to the *Installation and Configuration Guide* provided with the routing switch. For a downloadable copy of the latest edition of this guide and other routing switch product documentation, visit <http://www.hp.com/go/procurve> and go to the **technical support** area.

Software Version and Management Module Requirement

The J4856A and J4857A HP Procurve Mini-GBIC modules listed above require one of the following software releases, depending on the type of management module you are using:

- 9304M or 9308M WITHOUT Redundant Management (M1 modules): Release 06.6.32 or later
- 9304M or 9308M WITH Redundant Management (MII or MIV modules): Release 07.1.19 or later.

Routing switch software versions 6.6.32 and 07.1.19 are included on the CD-ROM shipped with the Mini-GBIC module and are also available at <http://www.hp.com/go/procurve> (click on **software**).

If you have installed the J4856A HP ProCurve 9300 Mini-GBIC Module (which does not include management), then you can use either of the following management options:

- One of the following three management modules WITHOUT Redundant Management (with software release 06.6.32 or a later 6.X release installed):
 - J4141A HP Procurve 9300 10/100 Management Module (16-port; MI)
 - J4144A HP Procurve 9300 Gigabit SX Management Module (8-port; MI)
 - J4146A HP Procurve 9300 Gigabit 4LX/4SX Management Module (8-port; MI)
- One or two Redundant Management modules (with software version 07.1.19 or later installed). These include any of the following:
 - J4845A HP Procurve 9300 GigLX Redundant Management Module (8-port; MII)
 - J4846A HP Procurve 9300 GigSX Redundant Management Module (8-port; MII)
 - J4847 HP Procurve 9300 Redundant Management Module (0-port, MII)
 - J4857A HP Procurve 9300 Mini-GBIC Redundant Management Module (8-port; MIV)

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Applicable Product

J4858A HP ProCurve Gigabit-SX Mini-GBIC
J4859A HP ProCurve Gigabit-LX Mini-GBIC

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Warranty

See the Customer Support/Warranty booklet included with the product.

A copy of the specific warranty terms applicable to your Hewlett-Packard products and replacement parts can be obtained from your HP Sales and Service Office or authorized dealer.

Servicing

There are no user-serviceable parts inside the user-installable modules or mini-GBICs comprising the product. Any servicing, adjustment, maintenance, or repair must be performed only by service-trained personnel.

Installing or Removing a Mini-GBIC

To install a mini-GBIC:

1. Put on an electrostatic discharge (ESD) wrist strap and attach the clip end to a metal surface (such as an equipment rack) to act as ground.
2. If you have not already done so, install a J4856A HP Procurve 9300 Mini-GBIC Module or a J4857A HP Procurve 9300 Mini-GBIC Redundant Management Module in your routing switch. (See the Note on page 1.)
3. Remove the mini-GBIC from its protective packaging.
4. Gently insert the mini-GBIC into the slot on the front panel of the module until the mini-GBIC clicks into place. The mini-GBICs are keyed to prevent incorrect insertion. A tab on the bottom of the mini-GBIC locks the mini-GBIC to the front panel of the module.
5. Remove the protective covering from the port connectors and store the covering for future use.
6. Insert the interface cable.

To remove a mini-GBIC:

1. Put on an ESD wrist strap and attach the clip end to a metal surface (such as an equipment rack) to act as ground.
2. Disconnect the interface cable from the mini-GBIC.
3. Insert the protective covering into the port connectors.
4. Push in the sliding tab on the bottom of the mini-GBIC toward the front panel of the J4856A or J4857A Mini-GBIC module. Pushing this tab in unlocks the mini-GBIC from the front panel.
5. Pull the mini-GBIC out of the module.
6. Store the mini-GBIC in a safe, static-free place.

Installation Notes

1000BaseSX Ports

The 1000BaseSX mini-GBIC ports operate in full-duplex mode and support multi-mode fiber cabling through LC connectors. A 1000BaseSX mini-GBIC port must be connected to another 1000BaseSX port. Connection to a 1000BaseLX port is not supported.

1000BaseLX Ports

The 1000BaseLX mini-GBIC ports operate in full-duplex mode and support both single-mode fiber (SMF) and multi-mode fiber (MMF) cabling through LC connectors. A 1000BaseLX mini-GBIC port must be connected to another 1000BaseLX port. Connection to a 1000BaseSX port is not supported.

Software Support for Mini-GBIC Ports

Hewlett-Packard offers and supports only mini-GBICs that include an HP label (product number J4858A or J4859A) for use with the J4856A HP ProCurve 9300 Mini-GBIC Module and the J4857A HP ProCurve 9300 Mini-GBIC Redundant Management Module. Use of other brands of mini-GBICs or the use of HP mini-GBICs in non-HP devices is not supported.

Class 1 Laser Statement

Class 1 Laser Product

Laser Klasse 1

This product complies with IEC 825-2:1993



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