

Removing and Installing XENPAK Optics

on the J8174A HP ProCurve 9300 2-Port 10 GbE Module



Introduction

This document describes how to remove or re-install XENPAK optics on the optional J8174A 2-port 10 Gb module available for use with the HP ProCurve Routing Switch 9304M, 9308M, and 9315M. For information on 10-gigabit modules with XENPAK optics, refer to the chapter titled "Using 10 Gigabit Ethernet Modules" in the *Installation and Getting Started Guide* available on the Documentation CD-ROM shipped with your routing switch and management modules. (For the latest version of this guide, visit the HP ProCurve website at <http://www.hp.com/go/hpprocurve>. Click on **technical support**, then **Product manuals**.)

You can remove a XENPAK optic from a 10-Gigabit Ethernet module and replace it with a new one while the HP device is powered on and running.

Before performing either of these tasks, have the following on hand:

- An electrostatic discharge (ESD) wrist strap

WARNING: For safety reasons, the ESD wrist strap provided with your product contains a series limiting resistor. If a replacement ESD strap is used, make certain that it contains a series limiting resistor with at least 1M Ohm of resistance. Also, make certain the strap is not connected to any internal part of your ProCurve chassis.

- The protective covering installed on the port connectors when you initially installed the XENPAK optic.
- The new XENPAK optic (if you are installing one)
- A small flathead screwdriver

Removing a XENPAK Optic

To remove a XENPAK optic from a 10-Gigabit Ethernet module, do the following:

1. Put on the ESD wrist strap and attach the copper tape to a metal surface (such as an equipment rack) to act as ground.
2. Disconnect the two fiber cable connectors from the port connectors.
3. Insert the protective covering into the port connectors.
4. Using the flathead screwdriver if necessary, loosen the two thumbscrews on the ends of the XENPAK optic.
5. Pull the XENPAK optic out of the port and place it in an anti-static bag for storage if desired.
6. Install a new XENPAK optic in the module, if necessary. For information on performing this task, see "Installing a XENPAK Optic", below.

Installing a XENPAK Optic

To install a XENPAK optic in a 10-Gigabit Ethernet module, do the following:

1. Put on the ESD wrist strap and attach the copper tape to a metal surface (such as an equipment rack) to act as ground.
2. Remove the new XENPAK optic from its protective packaging.
3. Gently insert the XENPAK optic into the module until it clicks into place. The XENPAK optics are keyed to prevent incorrect insertion.
4. Secure the XENPAK optic by tightening the two thumb-screws. If desired, you can further tighten the thumb-screws using the flathead screwdriver.

Software Support for XENPAK Optics

Hewlett-Packard offers and supports only XENPAK optics that include an HP label (product number J8173A, J8175A*, or J8176A) for use with the J8174A HP ProCurve 9300 XENPAK Module. Use of other brands of optics or the use of HP-labeled XENPAK optics in non-HP devices is not supported.

(* The J8175A SR optic is not supported in release 07.6.04. It will be supported in a future software release.)

HP periodically updates the software and documentation for the HP ProCurve Routing Switch 9300 Series products. For the latest software and publications versions for your 9304M, 9308M, or 9315M routing switch products, visit the HP ProCurve website at:

<http://www.hp.com/go/hpprocurve>

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