

# Expansion Card Install Guide

Expansion cards provide additional ports to be used on Bigleaf routers. By default, expansion ports don't have any functions assigned to them, they must be explicitly configured by Bigleaf Support as either WAN, LAN, or AUX ports.

## Before beginning...

Keep this information in mind before installing the expansion card:

- Expansion Cards are NOT hot swappable.
- The Bigleaf router will be offline while installing the expansion card. Plan for the necessary network downtime.
- Using an antistatic surface, bracelet, or any other electrostatic discharges (ESD) protection is recommended when installing the expansion card.

## Let's get started

Follow these steps to install an expansion card in your Bigleaf router.

1. Power off the router and unplug the power cord.
2. Remove the faceplate by unscrewing the two spring loaded hand screws on the right face of the router.



- Slide the expansion card into the slot. A firm push on the face of the expansion card is needed to make sure it's seated correctly.



- Install any required modules at this time.  
Expansion ports can support 10G SFP+ fiber modules and 1G SFP modules. A 10G fiber SFP+ module and a 1G fiber SFP module will only auto-negotiate speed settings. See [Configuring Expansion Ports in Standard High Availability \(no switches\)](#) and [Using SPF modules with Bigleaf routers for more information](#).



- Connect the power source to turn on the router.
- Use the Bigleaf Web Dashboard to enable the expansion ports on the card. On the Site Configuration page, scroll to the Port Settings section. Ports that are configured as an EXP port display.  
The light indicators next to the expansion ports show that the port is in use.

## Questions?

If you have any questions about installing the expansion card, contact [Bigleaf Support](#).