

HP ProLiant BL460c G6 Server Blade

Installation Instructions



Overview

Installation of a server blade requires the following steps:

1. Install and configure an HP BladeSystem c-Class enclosure.
2. Install any server blade options.
3. Install interconnect modules in the enclosure.
4. Connect the interconnect modules to the network.
5. Install a server blade.
6. Complete the server blade configuration.

For definitions of the acronyms used in this document, refer to "Acronyms and abbreviations" in the server blade user guide.

Installing an HP BladeSystem c-Class enclosure

Before performing any server blade-specific procedures, install an HP BladeSystem c-Class enclosure.

The most current documentation for server blades and other HP BladeSystem components is available at the HP website (<http://www.hp.com/go/bladesystem/documentation>).

Documentation is also available in the following locations:

- Documentation CD that ships with the enclosure
- HP Business Support Center website (<http://www.hp.com/support>)
- HP Technical Documentation website (<http://docs.hp.com>)

Installing server blade options

Before installing and initializing the server blade, install any server blade options, such as an additional processor, hard drive, or mezzanine card. For server blade options installation information, see the *HP ProLiant BL460c G6 Server Blade User Guide* on the HP website (<http://www.hp.com/go/bladesystem/documentation>).

Installing interconnect modules

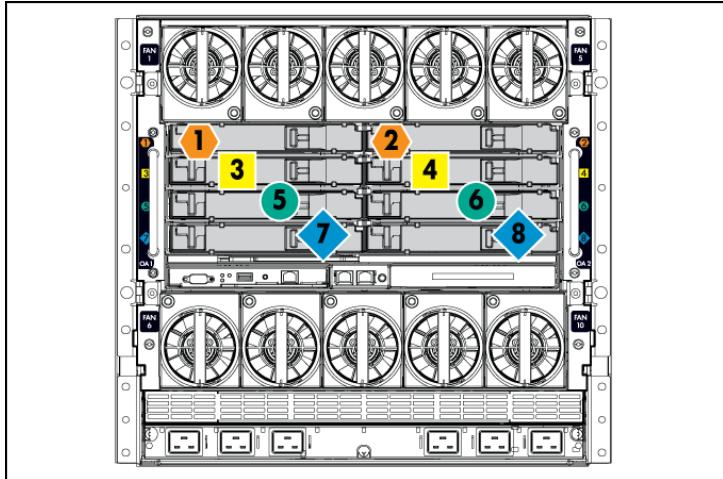
For specific steps to install interconnect modules, see the documentation that ships with the interconnect module.

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Interconnect bay numbering and device mapping

- HP BladeSystem c7000 Enclosure

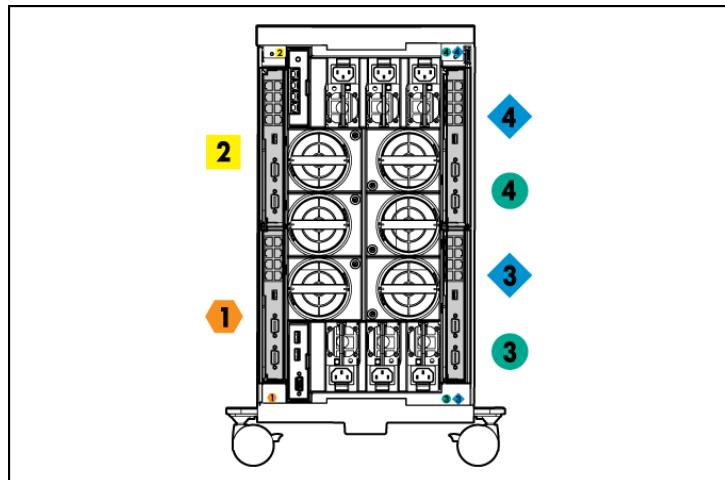
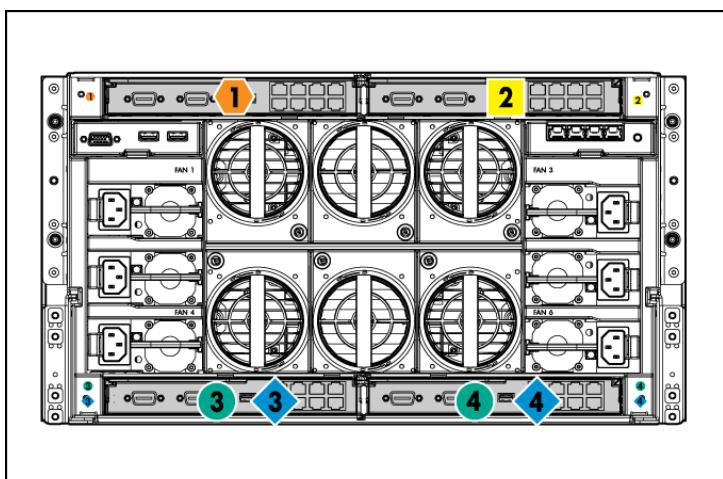


To support network connections for specific signals, install an interconnect module in the bay corresponding to the embedded NIC or mezzanine signals.

Server blade signal	Interconnect bay	Interconnect bay labels
Flex-10 NIC 1 (embedded)	1	orange hexagon
Flex-10 NIC 2 (embedded)	2	orange hexagon
Mezzanine 1	3 and 4	yellow square
Mezzanine 2	5 and 6	teal circle
	7 and 8	dark blue diamond

For detailed port mapping information, see the HP BladeSystem enclosure installation poster or the HP BladeSystem enclosure setup and installation guide on the HP website (<http://www.hp.com/go/bladesystem/documentation>).

- HP BladeSystem c3000 Enclosure and Tower Enclosure



Server blade signal	Interconnect bay number	Interconnect bay label	Notes
Flex-10 NIC 1, 2 (embedded)	1	orange hexagon	—
Mezzanine 1	2	yellow square	Four port cards connect to bay 2
Mezzanine 2	3,4	teal circle and dark blue diamond	<ul style="list-style-type: none"> • Four port cards • Ports 1 and 3 connect to bay 3 • Ports 2 and 4 connect to bay 4

For detailed port mapping information, see the HP BladeSystem enclosure installation poster or the HP BladeSystem enclosure setup and installation guide on the HP website (<http://www.hp.com/go/bladesystem/documentation>).

Connecting to the network

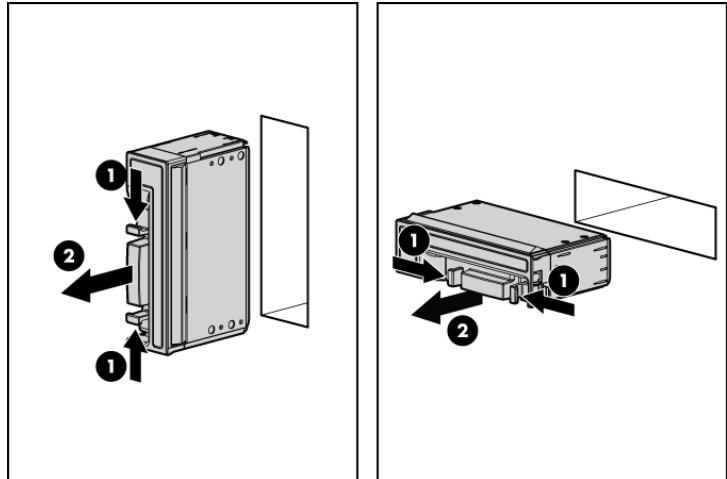
To connect the HP BladeSystem to a network, each enclosure must be configured with network interconnect devices to manage signals between the server blades and the external network.

Two types of interconnect modules are available for HP BladeSystem c-Class enclosures: Pass-thru modules and switch modules. For more information about interconnect module options, see the HP website (<http://www.hp.com/go/bladesystem/interconnects>).

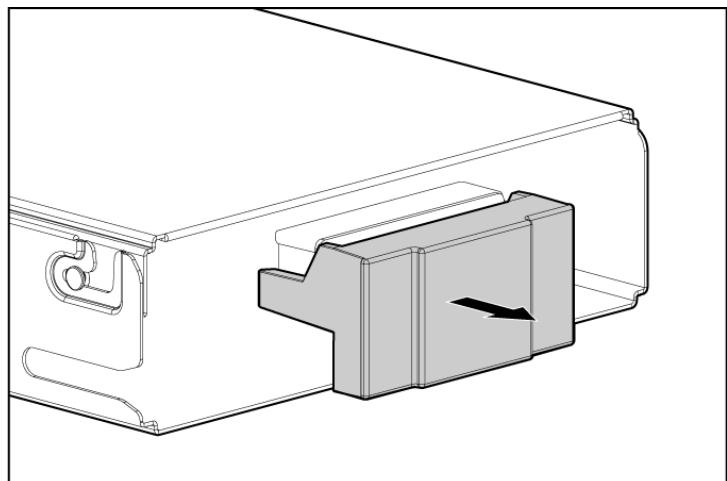
Installing a server blade

CAUTION: To prevent improper cooling and thermal damage, do not operate the server blade or the enclosure unless all hard drive and device bays are populated with either a component or a blank.

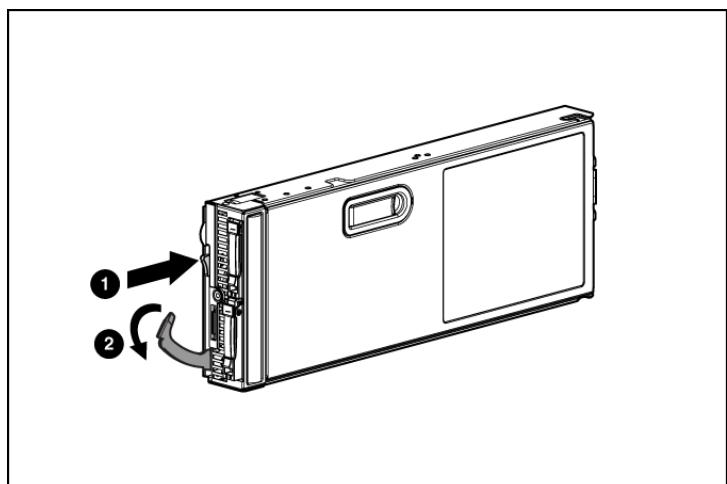
1. Remove the device bay blank.



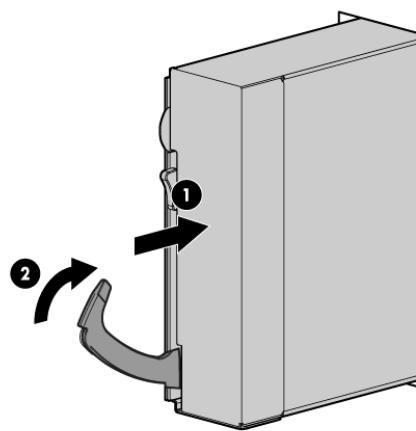
2. Remove the enclosure connector cover.



3. Prepare the server blade for installation.



4. Install the server blade.



Completing the configuration

To complete the server blade and HP BladeSystem configuration, see the overview card that ships with the enclosure.