2. Hardware Installation Guide for your switch on the Resource CD. If you have any questions about these requirements, see the Prepare the site so that the mounting, access, power source, and environmental Set Up the Switch.

Follow these quick steps to install your switch. You can also consult the full Software Administration Guide, and a for your switch are the Resource CD Other documentation available on the Resource CD for your switch are the Software Administration Guide, and a Command Line Interface Reference Manual. Follow these quick steps to install your switch. You can also consult the full Hardware Installation Guide for your switch on the Resource CD.

Set Up the Switch

Prepare the site so that the mounting, access, power source, and environmental requirements are met. If you have any questions about these requirements, see the Hardware Installation Guide for your switch on the Resource CD.

1. Install the switch using one of the following methods:
   • On a flat surface: Put one of the rubber footpads that came with the switch on each of the four concave spaces on the bottom of the switch.
   • In a rack: Use the rack-mount kit supplied with your switch, following the instructions included with the kit.

2. Apply AC power. When you apply power, the Power LED blinks yellow as it begins to boot. If the POST fails, the Power LED remains yellow (see "Troubleshooting" in the Hardware Installation Guide).
   • If the Power LED does not light, check that the power cable is plugged in correctly and that the power source is good. If this does not resolve the problem, see "Troubleshooting" in the Hardware Installation Guide.
   • Use Category 5e (Cat5e) for copper ports at 100 Mbps.
   • Use NETGEAR AGM731F or AGM732F for fiber ports at 1000 Mbps.
   • Use NETGEAR AFM735 for fiber ports at 100 Mbps.
   • Use Category 6A (Cat6a) for copper ports at 10 Gbps.
   • Use NETGEAR AXM761, AXM762, or AXM763 for fiber ports at 10 Gbps.

Note: Fiber SFP modules are shipped separately. If you need instructions on installing an SFP module, please refer to the Hardware Installation Guide on the Resource CD.

Note: In the room housing the switch, ensure that the ambient temperature does not exceed the specified operating temperature and that the environment is free of water condensation.

Perform the Initial Configuration

You can manage this switch through its web interface, or by using the command line interface (CLI) through a console port. This guide describes the web method. The CLI method is also described to determine a DHCP-assigned IP address or to use ezconfig to assign a static IP address. For web management, follow one of the following procedures, depending upon how your computer is set up.

- computer in DHCP client mode without DHCP server
- computer with static IP address
- computer in DHCP client mode with DHCP server
- computer in DHCP client mode without DHCP server

Computer in DHCP Client Mode without DHCP Server

WARNING!! If no DHCP server is present, the switch assumes a default IP address of 169.254.100.100 and a subnet mask of 255.255.0.0. The switch is in the same subnet used by a computer NIC port when in DHCP-client mode without a DHCP server present. Use this IP value to log in to the switch (see "Web Login to the Switch").

Computer with Static IP Address

When the computer is in this mode, the switch also needs to be assigned a static IP address. To assign a static IP address, connect a VT100 ANSI terminal or a workstation to one of the switch’s console ports. A cable for the mini USB port is supplied.

1. Start a terminal emulation program (TEP) using the appropriate method for your operating system:
   • Start a TEP. Windows users can use HyperTerminal.
   • Windows Vista users should download a TEP from the Internet.
   • Macintosh users can use ZTerm.
   • UNIX users can use a terminal emulator such as TIP.

2. Select a console port using the console switch on the front panel:
   • Select the mini USB port on the front panel (cable included) as the console port by pushing the switch to the right. Use the installation CD to install the USB driver on your computer.
   • Note: You might need to install the USB serial port driver available on the CD included with the package before you can use the USB port on the computer to connect to the switch.
   • Select the DB9 (cable not included) on the rear panel as the console port by pushing the switch to the right.

3. Configure the TEP to use the following settings (written below the connector on the switch front panel):
   • Baud rate: 115200 bps
   • Data bits: 8
   • Parity: none
   • Stop bit: 1
   • Flow control: none

4. At the command prompt User:, log in to the switch using the user name admin and the password guest (no password is needed for initial configuration).
5. At the next command prompt, type ezconfig and press Enter.
6. The ezconfig utility is now running in the switch. Use it to set up your static IP address and subnet mask as shown in the example. Make sure that the selected switch IP address is in the same subnet as that of the computer.
7. Use this IP value to log in to the switch (see Web Login to the Switch).

For information about how to perform extensive CLI management, see both the CLI Reference Manual for your switch and the Software Administration Guide.

Computer in DHCP Client Mode with DHCP Server

By default, the switch is configured as a DHCP client to obtain its IP address from a DHCP server in the connected network. You need to access the switch from the serial console port.

1. Make sure that the switch is connected to a DHCP server.

2. Find the switch IP address assigned by the DHCP server.
   a. Perform steps 1 through 3 of the procedure Computer with Static IP Address.
   b. Type the show network command, and press Enter. A screen displays that shows the active switch IP address.
   c. Use this IP address to log in to the switch through its web management interface (see Web Login to the Switch).

Web Login to the Switch

Use the appropriate IP address for your configuration to manage your switch through its web interface.

1. Type \http://<ipaddress>\ into the URL field of your browser. A screen similar to the following displays.

2. Type admin for the user name, and leave the password field blank.

3. Click Login. The System Information screen display. You can now navigate from this point to configure your switch.