



# Set Up Your Cisco Router

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## Introduction

This document describes how to install your Cisco 2800 series router. The Cisco 2800 series features integrated service routers (ISR) that offer high-speed data, security, and voice features.

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## Requirements

To install the 2800 series router, you need to have these items:

- Completed worksheets as instructed in the [Site Survey](#), which includes the Internet Worksheet for the router
- The router and power cord
- Access to local AC power
- A PC with an Ethernet card
- A [crossover Ethernet cable](#)

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## Install the Router

Follow these steps to install your 2800 series router:

### Review Safety Information

Before you install your router, read the [Cisco 2800 Series Regulatory Compliance and Safety Information](#).

As advised in this document, the router should be connected to a reliable earth ground when in use.

### Set Up the Chassis

If you want to install the router on a desktop or shelf, follow these steps:

1. Place the router upside-down on a smooth, flat surface.
2. Peel the rubber feet from the black adhesive strip and attach them to the four corners of the bottom of the chassis.
3. Place the router top-side up on a flat, smooth, secure surface. Position the router where you have access to both front and back panels.



**Caution:** Do not place anything on top of the router that weighs more than 10 pounds (4.5 kg). Excessive weight on top could damage the chassis.

### Connect Power to the Router

Follow these steps to connect power to the router:

1. Connect the power cord to the power socket on the front panel of the router.



**Note:** This illustration shows the 2811 model. The 2801 model has the power socket on the back panel.

2. Connect the other end of the power cord to a standard AC power outlet.
3. Press the power switch to the on ( | ) position.
4. To confirm that the router has power, verify that the SYS PWR LED on the front panel is on. The SYS PWR LED blinks slowly until the router has finished the boot process.

### Connect the Router to a PC

To configure the router, you must connect the router to a PC with a crossover Ethernet cable. Follow these steps:

1. Connect one end of the Ethernet cable to the 10/100 BaseT Fast Ethernet port on the router.



**Caution:** Always connect the Ethernet cable to the yellow Ethernet port on the router. If you connect the cable to the wrong port, you may damage your router.

2. Connect the other end of the Ethernet cable to the RJ-45 port on the Ethernet card installed in the PC.

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## Verify Your Installation

To verify your installation, check for normal LED activity, as described in this table. All lights are green when activity is normal. If you do not see normal LED activity, contact the [SMB Technical Assistance Center \(SMB TAC\)](#) for assistance.

LED	Meaning
SYS PWR	<ul style="list-style-type: none"> <li>• Solid green when the system operates normally.</li> <li>• Blinks green when system is booting or in the ROM monitor.</li> <li>• Amber when there is a system error.</li> <li>• Off when there is no power or system board is faulty.</li> </ul>
AUX PWR	<ul style="list-style-type: none"> <li>• On when Redundant Power System (RPS) is installed and operating normally.</li> <li>• Off when RPS is not installed.</li> </ul>
SYS ACT	Blinks to indicate network or system activity.
CF	On when flash memory is busy. Do not remove the CompactFlash memory card when this light is on.

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## Next Step

You have completed hardware installation and are ready to configure your router using Security Device Manager (SDM). SDM is a configuration tool that allows you to configure LAN and WAN interfaces, routing, Network Address Translation (NAT), firewalls, VPNs, and other features on your router.

For further instructions, refer to [Configure Your Router with Security Device Manager](#).

**Note:** If you have an ASA Security Appliance in your network, refer to [Configure Your Router with Security Device Manager for ASA](#).

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## Related Information

- [Site Survey](#)
- [Cable Descriptions](#)
- [Configure Your Router with Security Device Manager](#)