



Set Up Your Cisco Router

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Introduction

This document describes how to install your Cisco 1700 series router. The Cisco 1700 series routers have either fixed or modular configurations that provide these features:

- One to four WAN Interface Cards (WIC) or a combination of WIC and Voice Interface Cards (VIC)
- Fast Ethernet LAN port

The Cisco WICs support Ethernet, ADSL, ISDN, T1/E1, and serial connections for WAN connectivity.

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Requirements

To install the 1700 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 supply assembly (you must use the power supply that shipped with the router)
- Access to local AC power
- A PC with an Ethernet card
- A [crossover Ethernet cable](#)

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Install the Router

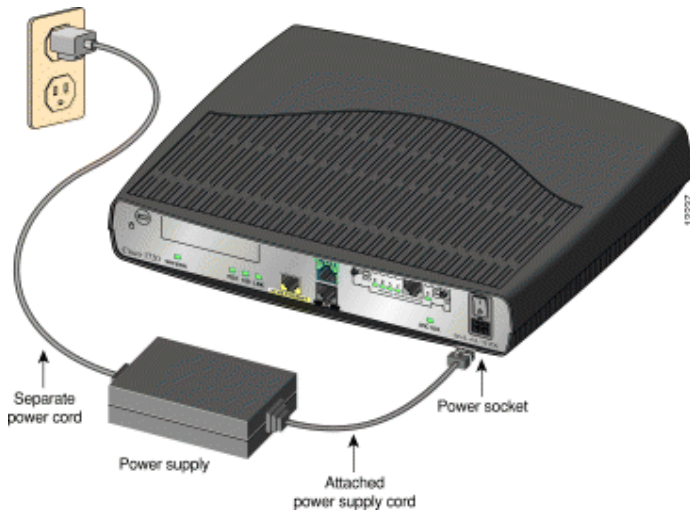
Before you install your 1700 series router, read the [Regulatory Compliance and Safety Information for Cisco 1700 Routers](#) document that came with your router. As advised in this document, the 1700 series router should be connected to a reliable earth ground when in use.

You can install the 1700 series router on a desktop or flat surface. Position the router where you have access to both front and back panels.

Connect Power to the Router

Follow these steps to connect power to the router.

1. Connect the attached power supply cord to the power socket (labeled +5, +12, -12 VDC) on the back panel of the router.



2. Connect the separate power cord to the power socket on the power supply.
3. Connect the other end of the power cord to a standard AC power outlet.
4. Press the power switch to the on (|) position.
5. To confirm that the router has power, verify that the PWR LED on the front panel is on. The OK light blinks until the router has completed its self-test, and then the light stays on.

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 10/100BaseT 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 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	Panel	Meaning
PWR	Front	On when power is being supplied to the router.
OK	Front	On when the router software is loaded and functional. This LED blinks when the router runs a power-on self test (POST) or when it loads operating system software (which may take 3 to 5 minutes). If the LED blinks continuously, the router may be experiencing a problem.
LNK	Back	On when the router is correctly connected to the Ethernet network through the 10/100 ETHERNET port.
ETH ACT	Front	Blinks when there is network traffic on the local Ethernet LAN.
WIC0 ACT and WIC1 ACT	Front	On solid or blinking when there is data traffic on the corresponding WIC port.
WIC0 OK and WIC1 OK	Back	On when a WIC is correctly installed in the corresponding WIC slot.

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Next Step

You have completed hardware installation and are ready to configure your router with 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](#)