# Cisco RV260 Router

**Package Contents**

- Cisco RV260 Router
- Universal Power Adapter
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- Technical Support Contact Card
- Ethernet Cable
- EU Directives 2014/53/EU Compliance Information (for EU SKU only)

# Welcome

Thank you for choosing the Cisco RV260 router.

The RV260 router provides reliable Internet access connectivity and includes the following features:

- Easy to use UI with multiple set-up wizards.
- Eight port VPN router.
- Supports IPv6 firewall.
- Business-grade small business network in a box.

This guide describes how to install your Cisco RV260 and launch the web-based Device Manager.

## 1 Installing the Cisco RV260

To prevent the device from overheating or being damaged:

- **Ambient Temperature** — Do not operate it in an area that exceeds an ambient temperature of 104°F (40°C).
- **Air Flow** — Be sure that there is adequate airflow around the device. If wall mounting the device, make sure that the heat dissipation holes are to the side.
- **Circuit Overloading** — Adding the device to the power outlet must not overload that circuit.
- **Mechanical Loading** — Be sure that the device is level and stable to avoid any hazardous conditions and that it is secure to prevent it from sliding or shifting out of position. Do not place anything on top of the device, as excessive weight may damage it.

### Desktop Mounting

For desktop mounting, place the device on a flat surface so that it sits on its four rubber feet.

### Rack Mounting

Your RV260 router includes a rack-mount kit that contains:

- Two rack-mount brackets
- Eight M4*6L (F) B-ZN #2 screws

# 2 Cisco RV260 Features

## Front Panel

| PWR | Power Off or in rescue mode. |
| --- | --- |
| | Solid green when the power is on and in normal operation. |
| | Flashing green when the device is booting up. |
| VPN | Off when no VPN tunnel is defined, or all defined VPN tunnels have been disabled. |
| | Solid green when at least one VPN tunnel is up. |
| | Flashing green when transmitting or receiving data over VPN tunnel. |
| | Solid amber when no enabled VPN tunnel is up. |
| DIAG | Off when the system is on track to bootup. |
| | Slow blinking red (1Hz) when the firmware upgrade is in progress. |
| | Fast blinking red (3Hz) when the firmware upgrade is failing. |
| | Solid red when the system failed to boot-up with both active and inactive images or in rescue mode. |
| LINK/ACT of WAN and LAN1-8 | Off when there is no Ethernet connection. |
| | Solid green when the GE Ethernet link is on. |
| | Flashing green when the GE is sending or receiving data. |
| GIGABIT of WAN and LAN1-8 | Solid green when at 1000M speed. |
| | Off when at non-1000M speed. |
| DMZ | Solid green when DMZ is enabled. |
| | Off when DMZ is disabled. |

| USB | Off when the USB is not connected, or the USB is inserted and not recognized. |
|---|---|
| | Solid green when the USB dongle is connected to an Internet Service Provider (ISP) and an IP address has been assigned. |
| | Solid green when USB storage is recognized. |
| | Flashing green when the port is sending or receiving data. |
| | Amber when the USB dongle is recognized but failed to connect to an ISP. |
| | Amber when USB storage access has errors. |
| Reset | The RESET button has two functions: |
| | • To reboot the unit and retain the current configuration, press and hold RESET for a least 3 but no more than 10 seconds, by using a paper clip or a pen tip. |
| | • To reboot the unit and restore the factory default configuration, press and hold the RESET button for more than 10 seconds. Changes you have made to the router are lost. |

## Back Panel

**Console Port** — The router console port is designed for a serial cable connection to a terminal or a computer that is running a terminal emulation program.

**USB** — Type A USB port that supports flash drives and 3G/4G/LTE USB dongles.

⚠️ **CAUTION** Caution: Use only the power supply provided with the device; using another power supply may cause the USB dongle to fail.

**SFP Port** — A small factor-form pluggable (SFP) is a hot-swappable input/output device that plugs into the SFP port, linking the port with the network.

**WAN** — Connecting the router to a wide area network device such as a cable or DSL modem.

**LAN** — (1-8) RJ-45 device connections to link local area network devices, such as PCs, print servers, or switches to the router.

**POWER** — Toggles power to the device on or off.

**12VDC** (2A) — Power port that connects the device to the provided 12VDC, 2 amp power adapter.

## Side Panel

**Kensington Lock Slot** — Lock slot on the right side to secure the device physically, using the Kensington lock-down equipment.

# 3 Connecting the Equipment

Connect a configuration terminal (PC) to the device by using a LAN port. The terminal must be in the same wired subnetwork as the device to perform the initial configuration. As part of the initial configuration, the device can be configured to allow remote management.

To connect a computer to the device:

**STEP 1** Power off all equipment, including the cable or DSL modem, the computer, and this device.

**STEP 2** Use an Ethernet cable to connect your cable or DSL modem to the WAN port on this device.

**STEP 3** Connect another Ethernet cable from one of the LAN (Ethernet) ports to the Ethernet port on the computer.

**STEP 4** Power on the WAN device and wait until the connection is active.

**STEP 5** Connect the power adapter to the 12VDC port of this device.

⚠️
**CAUTION** Use only the power adapter that is supplied with the device. Using a different power adapter could damage the device or cause the USB dongles to fail.

The power switch is on by default. The power light on the front panel is solid green when the power adapter is connected properly and the device is finished booting.

**STEP 6** Plug the other end of the adapter into an electrical outlet. Use the plug (supplied) specific to your country.

**STEP 7** Continue with the instructions in the Using the Setup Wizard to configure the device.

# 4 Using the Setup Wizard

The Setup Wizard and Device Manager are supported on Microsoft Internet Explorer, Mozilla Firefox, Apple Safari, and Google Chrome.

To configure the device using the **Setup Wizard**, follow these steps:

**STEP 1** Power on the PC that you connected to the LAN1 port in Step 3 of the Connecting Equipment section. Your PC becomes a DHCP client of the device and receives an IP address in the 192.168.1.xxx range.

**STEP 2** Launch a web browser.

**STEP 3** In the address bar, enter the default IP address of the device, **https://192.168.1.1**. A site security certificate message is displayed. The Cisco RV260 uses a self-signed security certificate. This message appears because the device is not known to your computer.

**STEP 4** Click **Continue to this website** to continue. The sign-in page appears.

**STEP 5** Enter the username and password. The default username is **cisco**. The default password is **cisco**. Passwords are case-sensitive.

**STEP 6** Click **Log In**. The Router Setup Wizard is launched.

**STEP 7** Follow the on-screen instructions to set up your device. The Router Setup Wizard should detect and configure your connection. If it is unable to do so, it asks you for information about your Internet connection. Contact your ISP for this information.

**STEP 8** Change the password as instructed by the Router Setup Wizard or follow the instructions in the Changing the Administrator Username and Password section. Log in to the device with the new username and password.

**NOTE** We recommend that you change the password. You are required to change the password before enabling features such as remote management.

The Device Manager Getting Started page appears. It displays the most common configuration tasks.

**STEP 9** Click one of the tasks listed in the navigation bar to complete the configuration.

**STEP 10** Save any additional configuration changes and log out of the device manager.

## Changing the Administrator Username and Password

To change the Administrator username and password on the device:

**STEP 1** From the Getting Started page, select **Change Administrator Password** or select **System Configuration** > **User Accounts** from the navigation bar.

**STEP 2** Check a username from the **Local User Membership** list and click **Edit.**

**STEP 3** Enter the **Username**.

**STEP 4** Enter the old **Password**.

**STEP 5** Enter the new **Password.**

**STEP 6** Confirm the new **Password**.

**STEP 7** Select the group (**admin, guest**) from the drop-down list in the Password Strength Meter.

**STEP 8** Click **Save**.

## Troubleshoot Your Connection

If you cannot access your device by using the **Setup Wizard**, the device may not be reachable from your computer. You can test network connections by using **ping** on a computer running Windows:

**STEP 1** Open a command window by using **Start** > **Run** and enter **cmd**.

**STEP 2** At the **Command** window prompt, enter **ping** and the device IP address. For example, **ping 192.168.1.1** (the default static IP address of the device).

If you can reach the device, you should get a reply similar to the following:

```
Pinging 192.168.1.1 with 32 bytes of data:
Reply from 192.168.1.1: bytes=32 time<1ms TTL=128
```

If you cannot reach the device, you should get a reply similar to the following:

```
Pinging 192.168.1.1 with 32 bytes of data:
Request timed out.
```

## Possible Causes and Resolutions

*Bad Ethernet connection:*

Check the LEDs for the proper indications. Check the connectors of the Ethernet cable to ensure that they are firmly plugged into the device and your computer.

*Wrong or conflicting IP address:*

Verify that you are using the correct IP address of the device.

Verify that no other device is using the same IP address as this device.

*No IP route:*

If the device and your computer are in different IP subnetworks, remote access must be enabled and you need at least one router on the network to route the packets between the two subnetworks.

*Unusually long access time:*

Adding new connections may take 30–60 seconds for the affected interfaces and LAN to become operational.

# 5 Where to Go From Here

| Support | |
|---|---|
| Cisco Support Community | www.cisco.com/go/smallbizsupport |
| Cisco Support and Resources | www.cisco.com/go/smallbizhelp |
| Phone Support Contacts | www.cisco.com/en/US/support/ tsd_cisco_small_business _support_center_contacts.html |
| Cisco Firmware Downloads | www.cisco.com/go/smallbizfirmware<br><br>Select a link to download firmware for Cisco products. No login is required. |
| Cisco Open Source Request | www.cisco.com/go/ smallbiz_opensource_request |
| Cisco Partner Central (Partner Login Required) | http://www.cisco.com/c/en/us/ partners.html |
| **Product Documentation** | |
| Cisco RV260 | www.cisco.com/go/RV260 |

For EU Lot 26 related test results, see www.cisco.com/go/eu-lot26-results

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