

Intel® Viiv™ Technology

Setting Up A Verified Router

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This document describes features that are planned to be supported in software releases available now or later in 2006. Some Intel® Viiv™ technology verified devices may not support all capabilities of Intel Viiv software. Intel may make changes to specifications and product descriptions at any time, without notice.

1 Verified devices and services will vary, and content restrictions may apply. Wireless and network performance varies with specific hardware and software configurations, usage, and environmental interference. Use a wired connection for improved performance with video and other media. May require TV tuner card and/or remote which may be sold separately. Instant on/off feature works after initial boot, when activated. Intel network setup software currently requires a verified router and DHCP ("Always On") or PPPoE broadband connectivity protocols. Check router and your current ISP specifications before purchasing. See www.intel.com/go/viiv_info for more information.

^Remote may be sold separately

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Setting Up a Verified Router

If you are setting up a new home network¹ using an Intel® Viiv™ technology-based PC and Intel Viiv technology verified router, this document provides details on how to set up the wireless router using the Intel® Viiv™ software.

NOTE: It is strongly recommended that you use the Intel Viiv software to set up your Intel Viiv technology verified router.

Setting up a router involves the following steps:

[Step 1](#) Starting the Intel Viiv Software

[Step 2](#) Connecting the router

[Step 3](#) Setting up the router

You must have the Intel Viiv technology-based PC and the peripherals (keyboard, mouse, etc...) set up and have access to broadband Internet. You must also have already opened the Microsoft* Media Center and completed the Media Center setup wizard.

Step 1 Starting Intel Viiv Software

At the Intel Viiv technology-based PC, complete the following steps to start the router setup. Make sure you complete each step in the correct sequence.

1. In Media Center, select **More Programs** from the main menu and select the Intel® Viiv™ Settings icon.
or
Select the Intel Viiv Settings icon on the desktop or in the taskbar.
The Intel Viiv software opens.
2. If you are using the Intel Viiv software for the first time, a license agreement is displayed. Read through the license agreement and select **Accept** if you agree to the terms.
If you do not agree to the terms, select **cancel**. The setup wizard closes.
If you agree, the Intel Viiv Settings screen is displayed.



You have completed *Step 1 Starting Intel Viiv Software*. The next section discusses how to make the physical connection between the Intel Viiv technology verified router and the Intel Viiv technology-based PC.

Step 2 Connecting Your Router

Complete the following steps to connect the Intel Viiv technology-based PC to the Intel Viiv technology verified router.

WARNING: Before beginning this step verify that you have a DHCP or PPPoE Internet protocols. If you do not have one of the supported Internet protocols, use the router manufacturer’s software to connect your router to the PC.

1. From the “Intel Viiv Settings” screen, select **set up a network**.
2. Select **start**.
3. Verify that you have the correct hardware. Select **yes** and **next**.
4. Select your router type and select **next**.

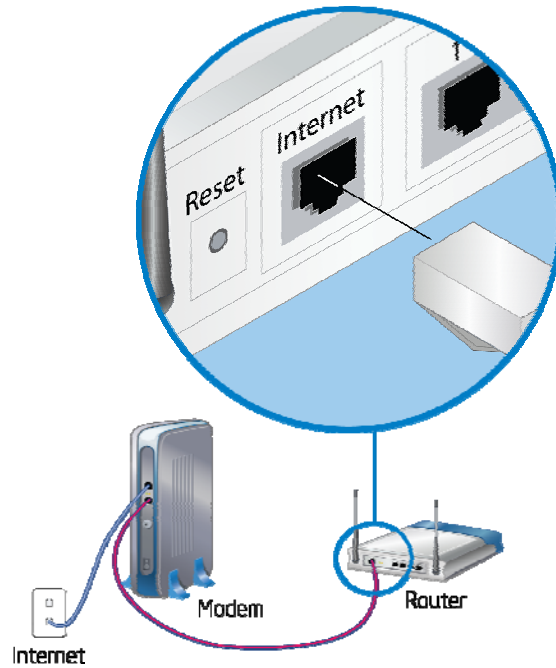
<p>my router and broadband modem are two separate devices</p>	<p>Select this option if you have a wireless router that does not have a built-in broadband modem. The router must be connected to a modem device that is connected to the Internet access outlet in the wall.</p>
<p>my router and broadband modem are combined in one device</p>	<p>Select this option if your wireless router includes a broadband modem. This device connects directly to the Internet access outlet on the wall and is sometimes called an Internet gateway router.</p>
5. Confirm you have a broadband Internet connection and select **next**. The Intel Viiv technology verifies the Internet protocol.
 - a. If the protocol is a supported protocol, the wizard continues to the “get required updates” screen. Go to [step 6](#) on page 8.
 - b. If the protocol cannot be determined, the wizard displays the “unsupported Internet connection” screen. Select **try again**. The “broadband connection type” screen is displayed.
 - c. Select the option that best describes how you access the Internet and select **next**. If the connection is verified, go to [step 6](#) on page 8.
 - d. If the “unsupported Internet connection type” screen is displayed again, select **exit**. Use the router manufacturer’s software to set up the router.

6. Select how often you would like to receive updates to the list of Intel Viiv technology verified devices. Available options are:

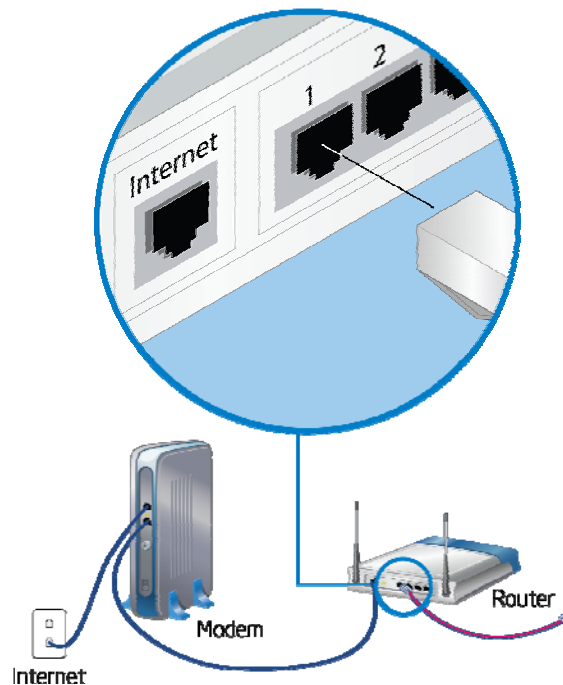
Yes, and update automatically in the future	Enables the software to periodically download the latest list of Intel Viiv technology verified devices.
Yes, update one time now	Updates the list of Intel Viiv technology verified devices during the initial setup only.
No, do not update	Does not update the list of Intel Viiv technology verified devices. If a new Intel Viiv technology verified device is added to the home network and this option is selected, the device may not be recognized as an approved device.

Select **next**.

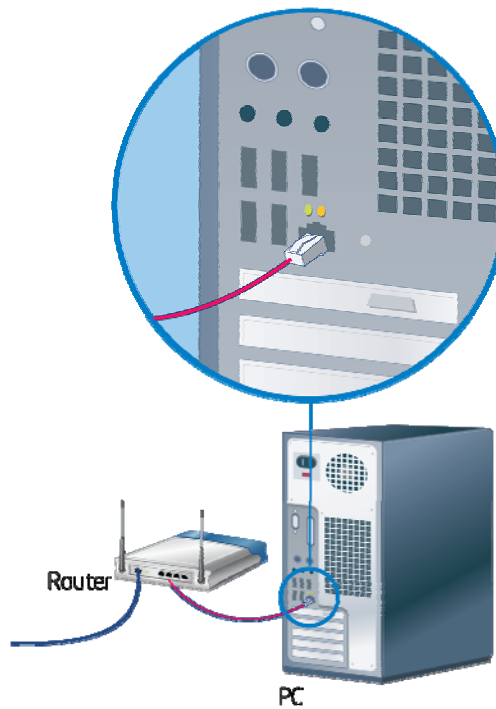
7. Connect the router to the modem and PC:
 - a. Disconnect the Ethernet network cable from the PC. (The other end should be connected to the modem.)
 - b. Connect the same end of the cable to the Internet port on the router. (This port is often labeled 'Internet.')



- c. Connect a second Ethernet network cable to one of the numbered ports on the router.



- d. Connect the other end of that cable to the Ethernet port on your PC.



- e. Power on the router. This is usually done by plugging the power cord into the router and electrical outlet. Select **next**.
 8. Verify the connections are correct and select **next**.
- You have completed *Step 2 Connecting the Router*. The next step is to register the router with the Intel Viiv software.

Step 3 Registering Your Router

Now, complete the following steps to register the router using the Intel Viiv software.

1. From the “network detected” screen, select **New Network: Express Setup** or **Advanced Setup**.

New Network: Express Setup Automatically creates the home network identification name (SSID) and protects the home network with 128-bit WEP security. This is the recommended method for setting up a new wireless home network.

Advanced Setup Allows you to manually add home network details, including security types, keys, and SSID. Use this selection if you have knowledge of home network security configuration and want to customize the security settings.

If the New Network: Express Setup is not available, you already have network security set, changed the wireless settings, or changed the user name and/or password. Select Advanced Setup to modify the current settings.

Select **next**.

NOTE: If a network is not detected, verify you have Internet access. If you do not have Internet access, remove the router from the system and connect the modem directly to the Intel Viiv technology-based PC. When Internet access is restored, use the router manufacturer’s software to set up your home network.

2. Follow the screen instructions until the “network setup is complete” screen is displayed.
Select **finish**.

Your router setup is now complete.

If you would like to see a map of the network which includes the newly added router, select **view network map** on the Intel Viiv Settings screen.

If you want to share media throughout your home, the next step is to connect a networked media device (NMD) to your television.

See [Setting Up a Verified Networked Media Device](#) for details on how to setup the NMD using the Intel Viiv software.