NETGEAR®

Installation Guide

Universal Dual Band WiFi Internet Adapter (WNCE3001)

Package Contents

WNCE3001
(with stand)

Wall mount sticker
(not shown)

Power
adapter

Ethernet cable

USB power
cable

Top and Bottom Views

LED

USB
Port

Ethernet
Port

Reset
button

WPS
button
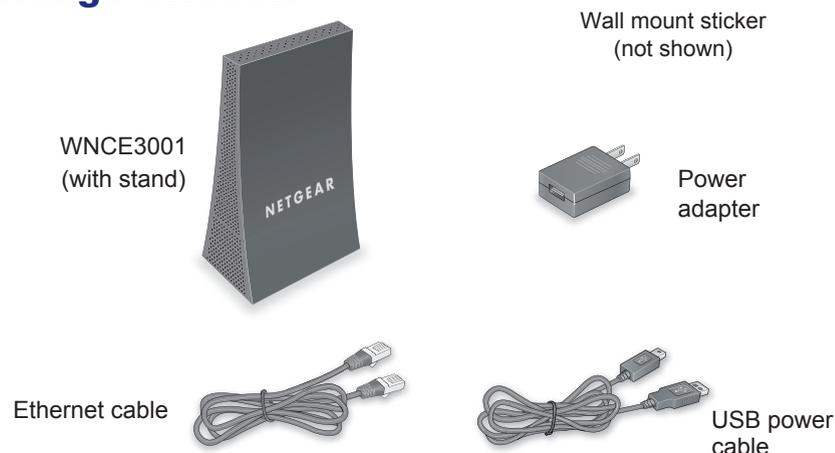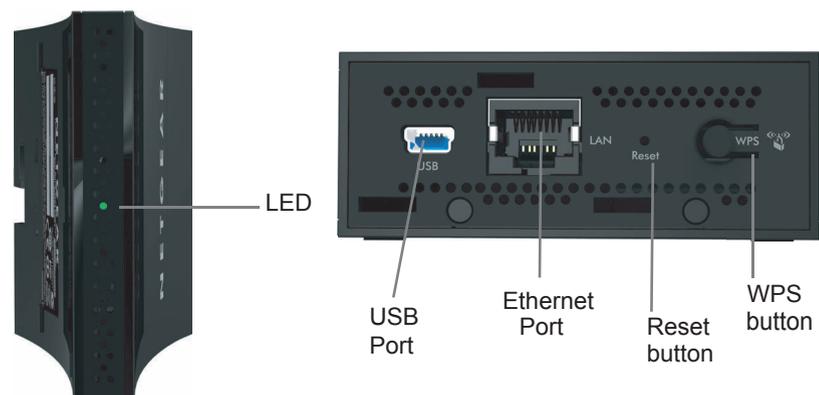
What is WPS?

WPS (Wi-Fi Protected Setup) is a simple and secured way to connect a device to an existing network.

If you have a NETGEAR router, this feature is called Push 'N' Connect. Look for the ⊙ or ⊙ symbols on the router to make sure the NETGEAR router supports WPS. For non-NETGEAR routers, please refer to the user manual to determine if the router supports WPS.

Once you know whether your router supports WPS, choose the appropriate installation method below.

Installation with WPS

Step 1: Connect the WNCE3001 to your TV, XBox, or Blu-ray player using the Ethernet cable (included) and one of the power connection options. For more information on power-up methods, see "Power Connection Options" on the reverse side.
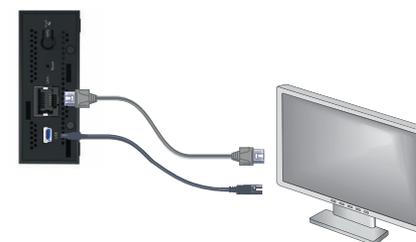
Step 2: Wait until the LED on the WNCE3001 is blinking green. Push the WPS button on the WNCE3001. The LED will blink amber and green, showing that the WPS is running.

WPS button

Step 3: Push the WPS button on your router. When the wireless connection has been established, the LED changes color to indicate the quality of the connection—solid green, solid amber, or solid red. Check "Adapter LED Activity" on the reverse side for more information about what these colors mean.

WPS button

Step 4: Congratulations! Your installation is complete.

Installation without WPS

Step 1: On the computer you will use to install the WNCE3001, disconnect its wireless connection to the router and/or remove the Ethernet cable currently connected to the computer. You may restore the connection after the WNCE3001 installation is complete.

Step 2: Connect the WNCE3001 to your computer, using the Ethernet cable (included) and one of the power connection options. For more information on power-up methods, see "Power **Connection Options" on the reverse side.**

Step 3: Wait until the LED is blinking green. Make sure the computer gets the IP address. Then, open you Internet browser and it will automatically take you to the setup page. (If not, manually type *http://www.mywifiext.net* as the browser address.) Follow the instructions on the setup page, then return to this guide and continue to Step 4.

Step 4: Disconnect the Ethernet and USB cables from your computer.

Step 5: Connect the WNCE3001 to your TV, Box, or Blu-ray player. If your device does not have a USB port, see "Power Connection Options" on the reverse side.

NOTE: Make sure you go through the connection settings on your TV, XBox, or Blu-ray player after the WNCE3001 is configured and connected. If asked for the type of connection, make sure **WIRED** is selected.
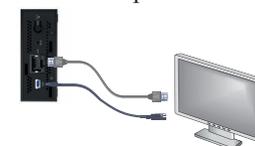
Power Connection Options

You can power on your WNCE3001 using **either** of these methods:

- Connect the WNCE3001 to a wall outlet with the included power adapter.

Power
adapter

- Connect the WNCE3001 to any USB port using the included USB power cable:

USB power
cable
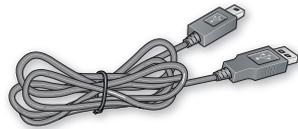
WPS Process

Here is the sequence of events when you press the WPS button to establish your wireless connection:

- When WPS is in process, the LED turns green for 500 milliseconds, then off for 500 milliseconds, then turns amber for 500 milliseconds, then off for 500 milliseconds, continuously.

- When WPS is done, the LED displays the link rate quality: solid green, solid amber, or solid red.

Note: In the event of a WPS failure, the LED switches between green and red at intervals of 0.5 seconds.

CE ①

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FAQ

1. Which power connection options should I choose?

   Many consumer electronics devices have Ethernet and USB ports in close proximity. Using the USB power cable option allows you to free up one power outlet that can be used for something else. Even if the device to which you connect the WNCE3001 does not have a free USB port, as long as there is a free USB port on a neighboring device within cable length of the WNCE3001, and that device can be turned on when you use the WNCE3001, you can plug the USB power cable into the neighboring device. Note that some USB ports on consumer electronic devices may not be capable or providing the power that the WNCE3001 requires. In such cases, the WNCE3001 may reset itself or turn itself off. When this happens, please use the WNCE3001 power adapter when powering up the WNCE3001.

2. When setting up the WNCE3001 without using WPS, does the computer have to be on DHCP for the installation to work?

   Yes.

3. Why am I getting the error "Connection was not established to the selected network."?

   There are a few reasons for this. First, you may have entered the incorrect network name or key. Make sure it is typed in correctly by clicking **Cancel** and re-typing the name and key. Second, the router may have stopped broadcasting. Make sure the router that is broadcasting your wireless network is still turned on and there is a clear line of sight between the WNCE3001 and the router. If possible, move the WNCE3001 closer to the router and click **Try Again**. If after repeated attempts to connect, you are still seeing this message, you may need to upgrade your router to one that provides greater wireless range, or purchase a Range Extender to extend its wireless range.

4. I tried to install without WPS, but when I launched my browser, I got an error page. What can I do?

   Make sure that your Ethernet cable is fully seated between the WNCE3001 and the computer, and that the LED on the device to which the WNCE3001connected is on. If not, re-connect the Ethernet cable, and re-launch your Internet browser.

5. What should the LED colors be when the WNCE3001 is set up correctly?

   The LED on the WNCE3001 should be blinking green if it is not connected to any Access Point. After the wireless connection is established, the LED should remain solid green, solid amber, or solid red, depending on the wireless link quality.

6. What should I do if the LED is red?

   The best connection is established when there is a clear line of sight between the WNCE3001 and the router you are connecting to. Make sure there are no physical obstacles between the WNCE3001 and the router, and try to move the WNCE3001 closer to the router.

7. Why is the LED solid red during power on?

   It is likely that the USB port you are connected to does not provide enough power for the WNCE3001. Please see Question 1 for more details and immediately switch the power supply to the included power adapter.

8. How do I change the settings after the WNCE3001 is set up initially?

   Follow the instructions in the "Installation without WPS" section. As you enter ***http://www.mywifiext.net***, you may further configure advanced settings.

9. My device resets itself intermittently. What should I do?

   Please refer to Question 1.

Adapter LED Activity

LED Activity	
OFF	Unit is not powered.
Solid Red	Link quality is poor, based on the link rate, or the USB does not supply enough power.
Blinking Red	If the LED blinks red at the rate of 0.5 seconds on, 0.5 seconds off, the firmware is corrupt. See the User Manual for instructions.
Solid Amber	Link quality is fair, based on the link rate.
Blinking Amber	System is booting up, or has been reset. The LED starts to blink amber after the **Reset** button has been pressed more than 5 seconds. The LED also blinks amber during a firmware upgrade.
Solid Green	Unit is powered on, and the link quality is good, based on the link rate.
Blinking Green	Boot up is complete, but no wireless connection is established, so no IP is obtained.

For complete DoC, visit the NETGEAR EU Declarations of Conformity web site at: *http://support.netgear.com/app/answers/detail/a_id/11621*