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Thank you for purchasing the new **Viking 300** 3G/4G Router from Next Solutions™. If any of the following items are mismatched, missing or damaged, please contact the merchant from whom you purchased the unit for immediate replacement.

- Wireless-N 3G/4G Router
- Power adaptor 110/220VAC
- Network cable
- Quick installation guide

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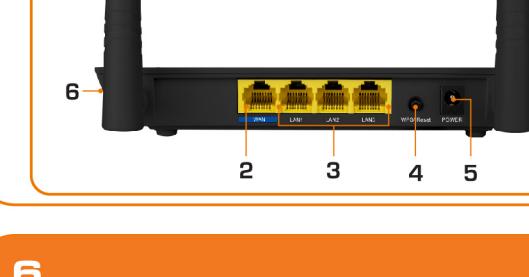
## Preliminary steps

There are a total of 3 main operation modes supported by this router: 3G/4G router mode, wireless router mode, and universal repeater mode. Connect your devices according to the mode of operation you have selected.

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## Product layout

1. External antennas
2. WAN port
3. 1-3 LAN ports
4. WPS/Reset button
5. DC input
6. 3G/4G USB modem port



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1. **External antennas:** Two 5dBi antennas to wirelessly broadcast your signal throughout your home or office.
2. **WAN port:** This RJ45 port is where you will connect the DSL/cable modem, or Ethernet line.
3. **LAN ports (1-3):** Connect your laptop or desktop computers in your network to any of these RJ45 Ethernet ports.
4. **WPS/Reset button:** Use it to reset the router to its factory default values, and to enable the wireless setup function.
5. **DC input:** Connect the supplied power adapter to this jack.
6. **USB modem port:** This port is used to plug a 3G/4G modem.

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## LED indicator description



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LED indicator	Status	Description
POWER	On	The device is powered on
SYS	Blinking	The router is initializing
USB	Solid	A USB dongle is detected and it is working properly
WiFi	Solid	The Wi-Fi radio is active
WiFi	Blinking	The device is actively sending or transmitting data using wireless link
LAN 1-3	Solid	The link between the router and a device is established through that port
LAN 1-3	Blinking	The device is actively sending or transmitting data over that port

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LED indicator	Status	Description
WAN	Solid	The WAN LED lights up when the wireless feature is enabled
WPS	Blinking	The device is actively sending or transmitting packets over that port
XN	/	The router is performing WPS authentication on a client device
XN	/	There is no function or indication associated with this LED

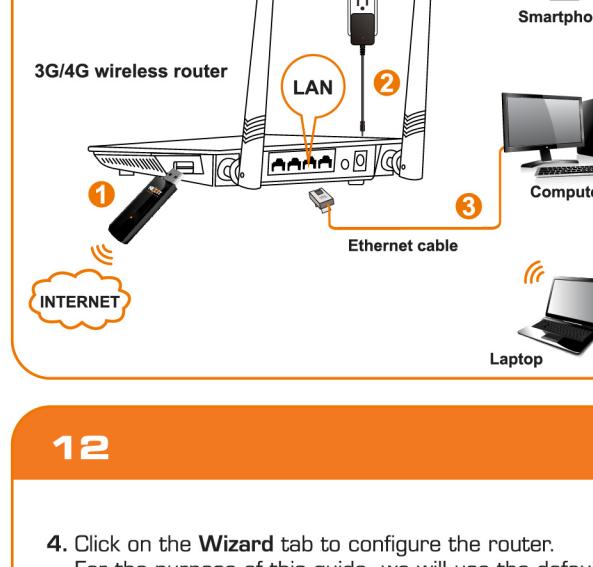
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## Hardware connection in the default configuration mode

The **Viking 300** is set to operate in the 3G/4G router mode by default.

1. First, insert the DC connector of the supplied power adapter into the AC input jack located on the rear panel of the router.
2. Insert the user-supplied 3G/4G modem into the USB port on the device.
3. Finally, plug the power adapter to a standard electrical wall socket.

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## Quick setup

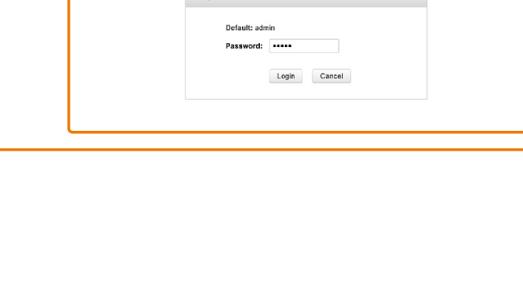
### Network configuration

Please note that in this quick installation guide, we use Windows 8 to illustrate the setup process.

1. If configuring the wireless router through a wireless connection, search for the SSID of the router on your PC. By default, this is **Nextt\_XXXXXX** (whereby the "X" represents the last six digits of the router's MAC address). There is no password configured by default. If setting up the wireless router through a wired connection, then proceed with **Step 2**.

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2. Once connected, open your web browser (Internet Explorer preferred). Type **192.168.0.1** on the search bar and hit Enter to continue.

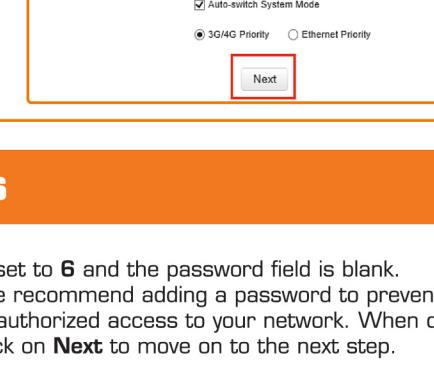


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3. The Login interface will be displayed on the screen. Enter the default password **admin**, and click on **Login** to continue.
4. Click on the **Wizard** tab to configure the router. For the purpose of this guide, we will use the default **3G/4G router mode**. This mode also features an additional **Auto switch** function designed to allow users to set up their wireless connection preferences for network access. This is a failsafe mode to automatically enable the cable/DSL modem connection when 3G/4G connection is not available. For a complete description and additional router mode settings, please refer to our online manual at [www.nexxtsolutions.com](http://www.nexxtsolutions.com).

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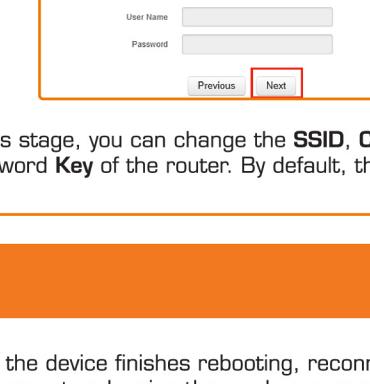
5. In order to start configuring the 3G/4G parameters for your USB modem, click on the **Next** button, as shown in the illustration below.



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6. From the drop down menu, now select your **Country** and **Service Provider** for your 3G/4G USB modem. When done, click on **Next** to set up your Wireless Security settings. Please note that you can change, if needed, the preset parameters of your USB modem. If desired, you also have the option of selecting **Auto** in order for the router to configure the parameters of your USB modem automatically.

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7. In this stage, you can change the **SSID**, **Channel** and **password Key** of the router. By default, the Channel

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is set to **6** and the password field is blank. We recommend adding a password to prevent unauthorized access to your network. When done, click on **Next** to move on to the next step.



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8. Select on **Finish** to complete the setup. The router reboots automatically at this stage.

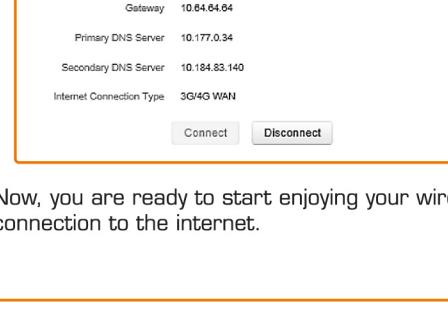


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9. After the device finishes rebooting, reconnect to your wireless network using the newly programmed SSID and Password, if you have set them up in the steps described above.
- Note: When the router is configured in **3G/4G Router Mode**, the network port becomes a LAN port. When configured as a **wireless router**, the network port becomes a WAN port.

10. If properly configured, you will get a successful connection on the **Status** page of the router. Log into router using the previous steps, and click on the **Status** tab followed by the **Running Status** menu on the right hand corner of the dialog box. If the USB modem has been configured successfully, a **Connected** message should be displayed under the **Internet Connection Status**.

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11. Now, you are ready to start enjoying your wireless connection to the internet.

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## FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

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If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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## FCC caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.

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## Radiation exposure statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FCC ID: X4YVKG300