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Thank you for purchasing the new Cosmos1200 Wireless AC dual-band router from Nexxt 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.

- ✓ Dual band AC router
- ✓ Power adapter 110/220V
- ✓ Network cable
- ✓ Quick installation guide

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Preliminary steps

This advanced network device works as a universal repeater, wireless router and AP. Before setting up the router, you must verify that you have high-speed internet access available. The most widely used connection nowadays is broadband DSL or Cable. The description used in this guide is based on that type of connection.

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Product layout

LED indicators on the front panel provide information about network activity, the connection and link status of the ports in real time. They also facilitate activity monitoring and troubleshooting the performance of the device.



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LED Indicator	Status	Description
POWER	On	The device is powered on
	Blinking	The system is working properly
SYS	On	The device is powered on
	Blinking	The system is working properly
WPS	On	The router is performing WPS authentication on a client device
	Blinking	The WAN LED lights up when the wireless connection is established
WAN	On	The device is actively sending or transmitting packets over this port
	Off	No active connection is detected in the WAN port


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LED Indicator	Status	Description
LAN 1-3	On	The link between the router and a device is established through that port
	Blinking	The device is actively sending or transmitting data over that port
	Off	No active connection is detected in that LAN port
2.4GHz	On	The 2.4GHz wireless connection is established
	Blinking	The device is actively sending or transmitting data wirelessly over the 2.4GHz band
5GHz	On	The 5GHz wireless connection is not in use or disabled
	Blinking	The device is actively sending or transmitting data wirelessly over the 5GHz band
5GHz	On	The 5GHz wireless connection is not in use or disabled
	Blinking	The device is actively sending or transmitting data wirelessly over the 5GHz band

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Back panel

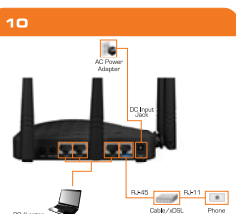
The rear panel provides the physical connectors for power and the client network devices.



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- Antennas:** Four 5dBi omnidirectional antennas
 - Power:** Connect the supplied power adapter to this jack.
 - WAN port:** This RJ45 port is where you will connect the DSL/cable modem, or Ethernet line.
 - LAN ports (1-3):** Connect your laptop or desktop computers in your network to any of these RJ45 Ethernet ports.
 - WPS/Reset:** Press this button for about one second to enable WPS encryption. Press this button for about seven seconds to restore the device to its factory default values.
 - Wi-Fi:** Push this button to enable or disable your wireless connection.

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- Hardware installation**
- Power off your PC, cable/DSL modem and the router.
 - Find the optimum location for the router. The best place is usually at the center of your wireless network with the antennas in the upright position.
 - Connect one end of the supplied power adapter to the AC input jack located on the rear panel of the router, before plugging the other end to a standard electrical wall outlet.

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- Connect your network devices to the LAN ports of the router. Then using an Ethernet cable, connect your modem to the WAN port in order to gain internet access.
 - Finally, power on the router, your PC and modem.

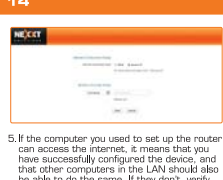


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- Router configuration**
- Log into the router by accessing the web base utility. To do so, in the browser's address field enter the default address <http://192.168.0.1>
 - In this stage, the wireless router web interface will come up. The system will then prompt you to enter the default password. Type **admin** and then click **Login** to continue.



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- Next, the Basic Settings page will be displayed. In this window, you will be prompted to select the Access method, which will depend on the type of connection offered by your existing Internet Service Provider (ISP): **PPoE**, for dialup or **Dynamic IP** for other broadband connections. By default, the device is set to **Dynamic IP**.
 - In order to better secure your wireless network, you can set a password for both bands. By default, both fields are blank. Under **Wireless Security Setup**, select the band you want to protect and enter your secret code. When done, click on **Save** to finalize the initial set up of the router.

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5. If the computer you used to set up the router can access the internet, it means that you have successfully configured the device, and that other computers in the LAN should also be able to do the same. If they don't, verify that the Internet Protocol is set to obtain the

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- IP and DNS settings automatically. To do so, right click **Network > Properties > Change adapter settings**, followed by **Local area connections > Properties**. Next, double click on **Internet protocol version (4 or 6 based on your connection)** and finish by selecting **Obtain DNS server and IP address automatically**. Please note that the path indicated above relates to Windows 7. Other operating systems may differ, so make sure to follow the instructions of the operating system you are using. If you later wish to customize your wireless router configuration, click on the **Advanced settings** menu.

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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

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- communications. However, there is no guarantee that interference will not occur in a particular installation. 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 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: X4Y23092

This device is restricted to be used in the indoor.