

Step 1

Thank you for purchasing the new **Acrux 600** Dual Band Gigabit 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.

- ARN02604U1 Dual Band Gigabit Router
- Power adapter 100-240V
- Network cable
- Quick installation guide

Step 2

Preliminary steps

This advanced network device works as a router, wireless AP, switch and firewall. 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.

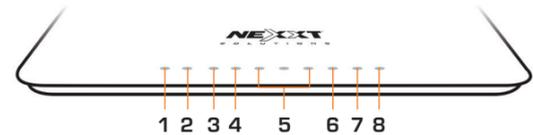
Product layout

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.

Step 2

Product layout

- 1 - Power
- 2 - WPS
- 3 - 5GHz band
- 4 - 2.4GHz band
- 5 - LAN ports 1-3
- 6 - IPTV/LAN port
- 7 - WAN port
- 8 - USB



Step 2

LED indicator	Status	Description
POWER	On	The device is powered on
	Blinking	The system is working properly
	Off	The device is powered off
WPS	Blinking	The router is performing WPS authentication on a client device
	Off	
5GHz	On	The 5GHz wireless connection is enabled
	Blinking	The device is actively sending or transmitting data wirelessly over the 5GHz band
	Off	The 5GHz connection is not in use or disabled
2.4GHz	On	The 2.4GHz wireless connection is enabled
	Blinking	The device is actively sending or transmitting data wirelessly over the 2.4GHz band
	Off	The 2.4 GHz connection is not in use or disabled

Step 2

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
IPTV/LAN	On	The IPTV port connection is enabled
	Blinking	The device is actively sending or transmitting Internet Protocol television signals over this port
WAN	On	The WAN LED lights up when the wireless feature is enabled
	Blinking	The device is actively sending or transmitting packets over that port
	Off	No active connection is detected in the WAN port
USB	On	The USB port connection is enabled
	Off	The USB port is not in use

Step 2

Back Panel

- 1 - Two 5 dBi antennas
- 2 - WAN port
- 3 - IPTV/Gigabit LAN
- 4 - Three Gigabit LAN Ports
- 5 - WPS/Reset
- 6 - Power



Step 2

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

- 1. Antennas:** Two dual band omnidirectional antennas
- 2. WAN port:** This RJ45 port is where you will connect the DSL/cable modem, or Ethernet line.
- 3. IPTV:** This IPTV port can be used for connecting an Internet Protocol TV receiver, and as a LAN port, when the IPTV feature is not enabled.
- 4. LAN ports (1-4):** Connect your laptop or desktop computers in your network to any of these RJ45 Ethernet ports.
- 5. 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.
- 6. Power:** Connect the supplied power adapter to this jack.

Step 2

Side Panel



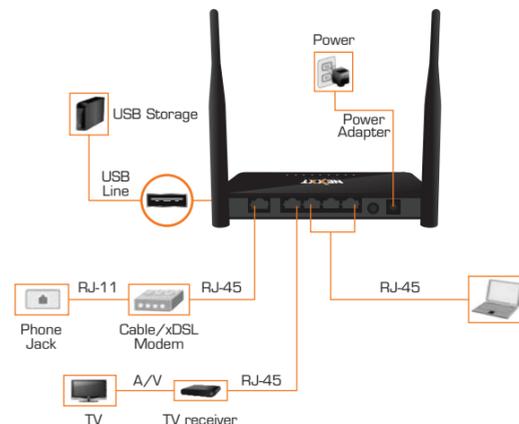
- 7. USB 2.0 port:** Multifunctional USB port supports printer sharing, file sharing and mass storage devices.

Step 3

Hardware installation

1. Power off your PC, cable/DSL modem and the router
2. Find the optimum location for the router. The best place is usually at the center or your wireless network with the antennas in the upright position.
3. 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.
4. 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.
5. Finally, power on the router, your PC and modem.

Step 3



Step 4

Router configuration

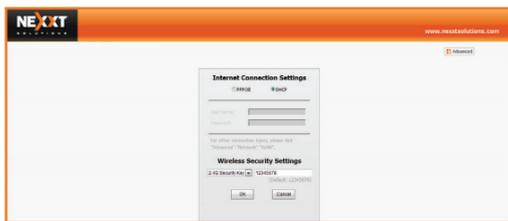
1. Log into the router by accessing the web base utility. To do so, in the browser's address field enter the default address **http://192.168.0.1**
2. In this stage, the wireless router web interface will come up. The system will then prompt you to enter the default user name and password. Type **admin** in both cases. Click **Login** to continue.



Step 4

3. 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): ADSL, for dial-up or DHCP for other broadband connections. By default, the device is set to **DHCP**. Click **OK** to finalize the initial set up of the router.

Step 4



4. 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 IP and DNS settings automatically.

Step 4

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) > Properties**. Next, double click on **Internet protocol version (4 or 6 based on your connection) > Properties**. Next, double click on **Internet protocol version (4 or 6 based on your connection) > Properties** 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.

Step 4



Warning

FCC Statement

Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

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. 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.

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.

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.