NEXXT®
S O L U T I O N S
C O N N E C T I V I T Y

AC 5
1200 Mbps WIRELESS SPEEDS COMBINED
5 YEAR WARRANTY
*Please register at: nexxtsolutions.com/warranty
ULTIMATE RANGE

Acrux 1200-AC
WIRELESS AC | USB CLOUD GIGABIT ROUTER

Model: **ARL02124U1**

Wireless AC USB cloud gigabit router

Thank you for purchasing the new **Acrux 1200-AC** dual band media gigabit router from Nexxt Solutions™. If any of the following items are mismatched, missing or damaged, please contact the store from whom you purchased the unit for immediate replacement.

- Wireless AC dual band gigabit router
- Removable stand
- Power adapter, 110/220V
- Network cable
- Quick installation guide

1. Preliminary steps

This advanced network device works as a router, wireless AP, universal repeater and WISP client. 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

2. 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.

| LED Indicator	Status	Description
SYS	Solid	The device is powered on
	Blinking	The system is working properly
LAN 4/3/2/1	Solid	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 on that LAN port
Internet	Solid	An active internet connection is detected on this port
	Blinking	The device is actively sending or transmitting packets over that port
	Off	No ethernet connection is detected on this port
2.4GHz	Solid	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
5GHz	Solid	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
WPS	Solid	WPS is enabled
	Blinking	The router is performing WPS authentication on a client device
	Off	WPS is disabled
USB	Solid	A USB device is properly connected and ready to be used
	Blinking	Data is being sent or transmitted over this port
	Off	The USB port is not in use, or a USB device is no longer detectable after being ejected

Back Panel

1 2 3 4 5 6 7 8

1. **Power DC-IN**: Connect the supplied power adapter to this jack.
2. **WPS**: Press and hold for a second to use the WPS feature (if enabled). WPS connection will be established within 2 minutes.
3. **Wi-Fi**: Use this button to enable and disable the wireless function.
4. **Reset**: Press and hold this button for about 8 seconds until all LEDs light up once, and then release it to restore the device to its factory default values. You must use a paper clip or similar object to press this button.
5. **Internet:** This RJ45 port is where you will connect the DSL/cable modem or ethernet line from your ISP.
6. **LAN ports (1/2/3)**: Connect your local laptop or desktop computers in your network to any of these RJ45 ethernet ports.
7. **4/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.
8. **USB2.0**: Multifunctional USB port supports printer sharing, file sharing and mass storage devices.

3. Hardware installation

1. Start by attaching the removable stand to the device.
   a. Align the stand with the slot on the bottom of the router.
   b. Press on the stand until it locks in place.
2. Connect the modem to the Internet port of the router using the supplied ethernet cable.
3. Connect your PC to the router if using a wired connection.

4. Insert 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.
5. Find the optimum location for the router. The best place is usually at the center or your wireless network with the antennas in a 45° angle position.
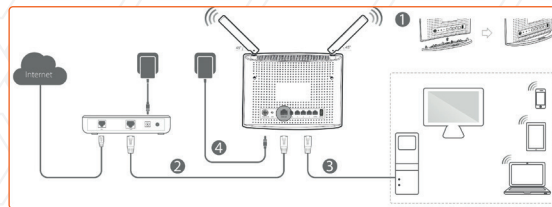
4. Router configuration

1. Open a web browser to access the main web interface. Type **nexxtwifi.com** or **192.168.0.1** in the address bar and press **Enter** on the keyboard.
2. The Quick setup wizard will come up to assist you in completing the internet settings. Click on **Start** to initiate the process.
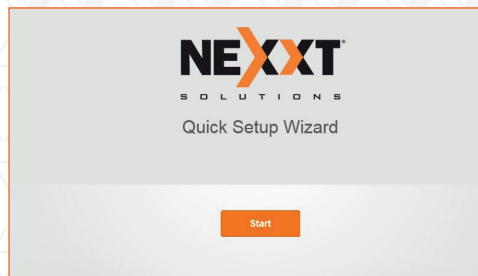
3. Select your connection type and click on **Next**. For the purposes of this guide, the DHCP option was selected.

Please select your connection type

As detected, your connection type may be: **DHCP**

Select a connection type: [DHCP ▼]

Next

Skip

4. In this screen, you can set up the Transmit Power, SSID and Password. Once you finished configuring these settings, click on **Next** to continue.

Wireless Settings

Transmit Power: High ▼

Nexxt_328C70

•••••••• ☐No Password

☑ Set up the login password to the same as the WiFi password

Next

5. Once done, the message stating that the setup is complete will be displayed. To configure additional settings, the user can click on the **Advanced** option, as illustrated below.

You're all set! You can now connect to
Nexxt_328C70
or Nexxt_328C70_5G
For additional features or to change settings, click the "Advanced" button below.

Advanced

6. The next time you access the web interface through **nexxtwifi.com** or **192.168.0.1**, the default **Login** screen will be displayed. The default password is **admin**.

Acrux 1200-AC
WIRELESS AC | GIGABIT ROUTER

••••••••
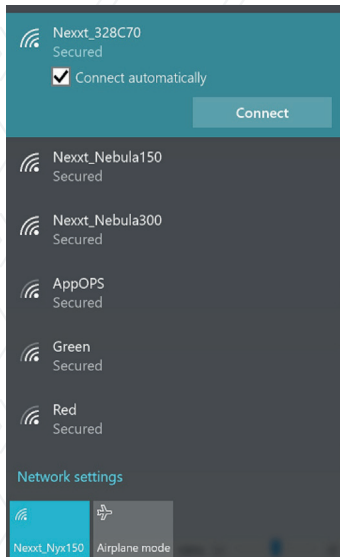
Login

Forgot password? ▾

5. Connecting to Wi-Fi using Windows 10

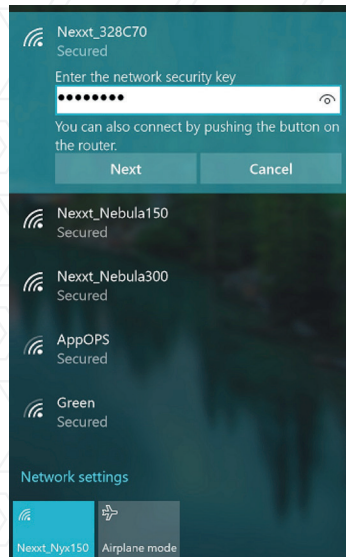1. To connect to the router wirelessly, click on the wireless icon on your taskbar.
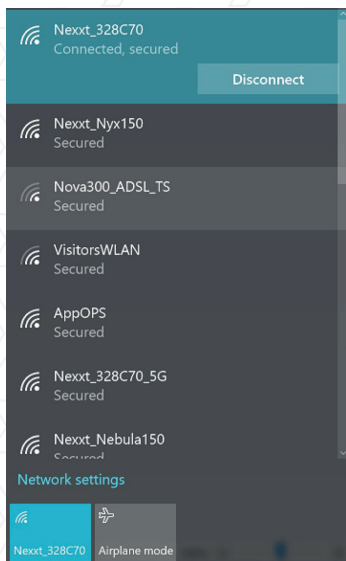

10:54 AM
5/4/2016

2. Proceed to select the desired Wireless network followed by **Connect.** By default, the wireless SSID is Nexxt_XXXXXX (whereby "x" represents the last digits of the MAC address).

3. Enter the user defined or preassigned password, if any, and click **Next** to continue.

4. If the link is successfully established, the **Connected** message will come up on the screen.

6. How to use the FTP feature on your Acrux 1200 AC Wireless Router

1. You will need a USB flash drive, and access to an internet connection through a direct modem.
2. Connect your USB flash drive to the Acrux 1200's USB port located on the back.

3. Open a web browser and log in to your Acrux 1200's web user interface. The default IP address is **192.168.0.1.** The default password is **admin.** Once done entering your credentials, click on **Login.**
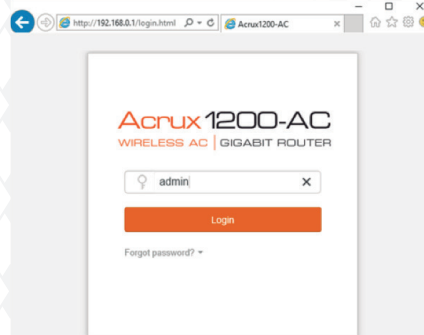
4. Once logged in, click on the **USB Application** option found on the left column of the menu.
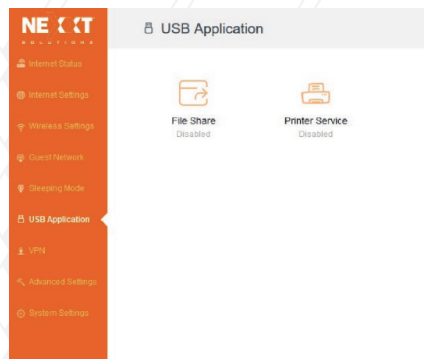
5. Then click on **File Share.** The following window will be displayed. Here you can see if the USB drive you inserted has been detected correctly. In that case, it should show how much **Free Space** you have on the USB drive.

6. We recommend changing the default **Password** of the **Administrator** account in order to secure your shared drive. To do so, click on the **Password** field to enter a new one. Click on **Save** when done.

7. You can also add another user in this menu. For those individuals who only need access to view the content of the shared drive and not modify anything, we recommend using a Guest account with **Read** permission. Once added, click on **Save**.

8. You are now able to log on to the FTP Server from within your own network, by clicking on the link ftp://192.168.0.1:21.

9. You will be prompted for the **Username** and **Password**. Enter the credentials of any of the accounts previously set up. Once complete, click on **Log On**.

10. You are now logged in to the Root directory of your USB shared drive.

11. In order for the FTP function to work correctly outside your network or remotely, we recommend connecting your direct modem into the Acrux 1200's WAN port. Using a modem/router combo device may cause an unsuccessful setup.

12. From the File Share menu, enable **Allow Internet visits**. It will show a link with your public IP address called **WAN devices visit**. This address will only work if you are outside your network. Type the link **ftp://PublicIPAddress:21** into the web browser from your remote location and follow the same process to successfully login to the FTP Server site to view the shared drive (Refer to **Step 9**).

File Share

sda1: (Free Space) 3.64G **Safely Eject**

FTP Server: ftp://192.168.0.1:21

Samba Server for Windows: \\192.168.0.1

Samba Server for MAC: smb://192.168.0.1

Allow Internet visits:

WAN devices visit: ftp://75.74.67.87: 21

Role	User name	Password	Permission	Action
Administrator	admin	●●●●●	Read/Write	Add

Save

## 7. How to setup and use the Nexxt Wi-Fi app for the Acrux 1200 AC Wireless Router

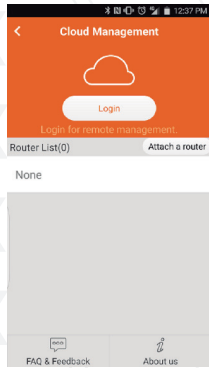1. Search and install the **Nexxt Wi-Fi** app from the Apple or Google app store.

2. For this guide, we will be using a phone based on an Android platform.
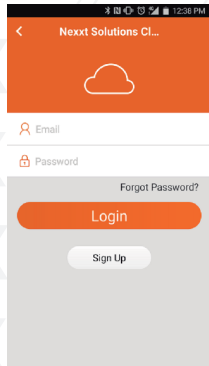3. Open the **Nexxt Wi-Fi** app.

4. In order to access your router from a remote location you will have to register an account. Click on the option on the right hand corner (person icon).
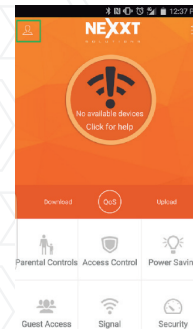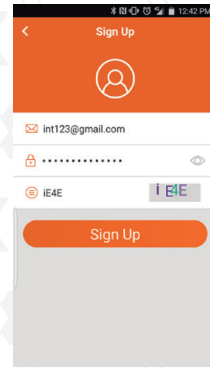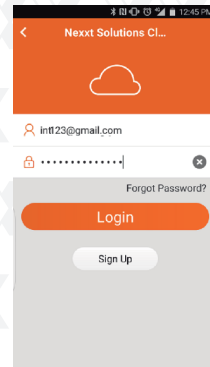
5. Click on **Login**.

6. Then click on **Sign Up**.

7. Enter the email address you wish to register, and assign a password. Enter the verification code displayed, and click on **Sign Up**.

8. A verification email from cloud@nexxtsolutions.com will be sent. Once you receive the email, click on the confirmation link.

9. Your account is now active. Type in your email address and password, followed by **Login**.

10. You will now need to log into the Acrux 1200 web user interface from a PC. Once logged in, go to **Advance Settings** and click on **Nexxt App**.
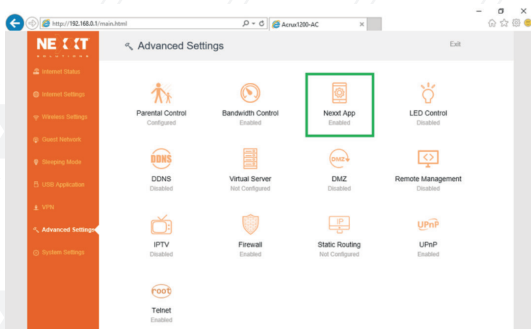
11. Click on the **Nexxt App** option to enable the feature.

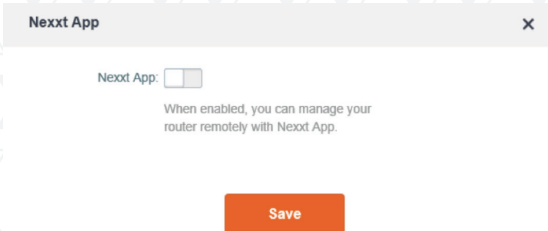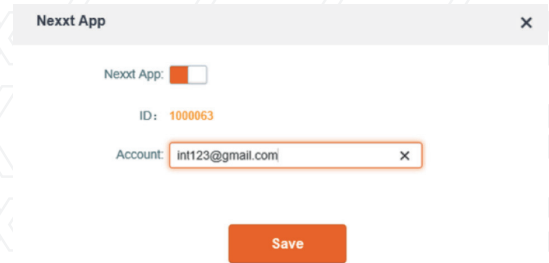12. Now type in the email address you used on the app in the **Account** field. Click on **Save** when done.

13. Go back to the app and pull down from the middle of the screen. This will refresh your account and it will show your Acrux 1200 AC Wireless Router on the screen. From the device list, tap on your router.

14. You will be able to make changes to your Acrux 1200 AC Wireless Router anywhere in the world, at any time.
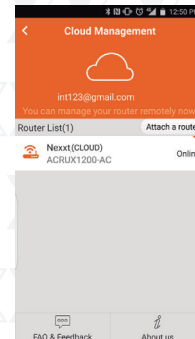
15. The Nexxt Wi-Fi app provides the following features:

- Current download and upload speeds being used.
- QoS option to manage bandwidth control.
- **Parental controls:** Allows you to setup when each person can go online and for how long you want. You can restrict what websites they can and cannot go to.

- **Access control**: You can turn off/on notification of when anyone logs on/off the router. You can also allow that person to use the Acrux 1200 or add them to the blacklist so they can't use it at all.
- **Power saving**: You can turn off/on the LED on the router. Set a schedule for when the WiFi will be off/on. Also Wake Up the router if you have Sleeping Mode on.
- **Guest access**: Turn off/on the Guest Network.
- **Signal**: One Touch Optimization and change the Signal Strength.
- **Security**: Starts a security checkup. Ensures your Nexxt Acrux 1200 AC Wireless Router is protected.

16. From the **Administration** menu (upper right-hand corner option), you can do the following:

- You can change the Wi-Fi name and password. Turn off 2.4GHz or 5GHz Wi-Fi. Hide the Wi-Fi names of either 2.4GHz or 5GHz band.
- **Login password**: Changes the Login Password of the Acrux 1200 AC Wireless Router.
- **Internet settings**: Sets up PPOE, Dynamic IP, or Static IP connections.
- **News**: A log of everyone who has logged on to the router.
- **Software update**: Brings the application up to date.
- **Reset**: Returns the Acrux 1200 AC Wireless Router to its factory default values.
- **Logout**: Logs off the Acrux 1200 AC Wireless Router.
- **Reboot**: Allows to restart the router.
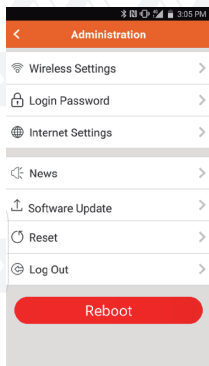
FCC statement

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 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.

FCC radiation exposure statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation 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.

Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC ID: X4YACRX12K

NOTES

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

NOTAS