

AC1200 Smart Router User Manual

Thank you very much for purchasing rockspace AC1200 Smart Router. This guide will introduce the features of the router and tell you how to connect, use and configure the router to access Internet. Please follow the instructions in this guide to avoid affecting the router's performance by improper operation.

1. Product Overview

1.1 Introduction

RSD0611 using Realtek chip program in Taiwan, the 2.4GHz band wireless rate up to 300Mbps, in the 5GHz band using a new generation of 11AC technology, By improving the bandwidth, improve the efficiency of wireless frequency modulation, the highest rate of up to 867Mbps, can easily support HD (HD1080P) film Play, online video, 3D games and other high speed applications.

1.2 Features

- Complies with IEEE 802.11ac/a/b/g/n standards
- Up to 1200Mbps data rate for Wi-Fi network
- Provides WPA -PSK-MIXED security
- Access User Interface by URL, the IP, MAC and URL filtering makes access and time control more flexibly.
- Supports DHCP Client, PPPoE, Static IP and supports dual access
- Enhanced heat-dissipation design, ideal for home use
- 3*10/100/1000Mbps LAN Port, 1*10/100/1000Mbps WAN Port
- Support Wireless Router, Client, Access Point work mode
- Connects to secure network easily and fast using WPS
- Built-in firewall, Filtering on IP address, MAC address, Domain name, etc
- The fixed 4*5dBi dual band antenna
- Easy setup simplifies the basic settings of the router

1.3 Panel Layout

1.3.1 Front Panel

The front panel of router RSD0611 consists of 5 LEDs, which is designed to indicate connection status.



POWER	This indicator lights red when the router powered on, otherwise it is off.
WPS	This indicator keeps lighting after pairing successful.
WLAN	This indicator light when there are wireless devices connected and transmitting data to the router.
WAN	When the WAN port is connected successfully the indicator light.
	While transmitting or receiving data through the WAN port the indicator blinks.

1.3.2 Rear Panel

The figure below shows the rear panel of router RSD0611.

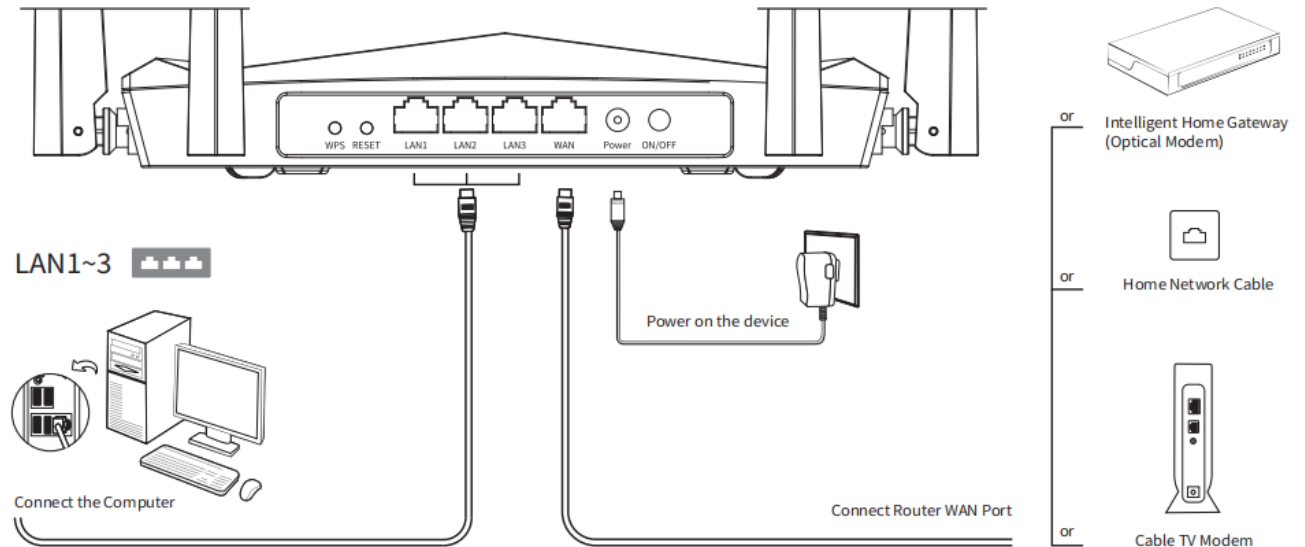


Power	The Power socket is where you will connect the power adapter.
WAN	This port is where you will connect with the cable to access Internet.
1/2/3 LAN	This port connects the router to local PC.

2. Hardware Installation

2.1 Hardware Installation

Please connect the router according to the following steps.



1. Connect the Modem to ADSL Filter using RJ11 network cable, LINE port to LINE port.
2. Connect the ADSL' s LAN port to Router' s WAN port using RJ45 network cable.
3. Connect your PC to any one of router' s LAN port.
4. Plug the Power Adapter into the router and then into an outlet.
5. Turn on your computer.
6. Check and confirm that the Power & LAN LED on the router are **ON**.

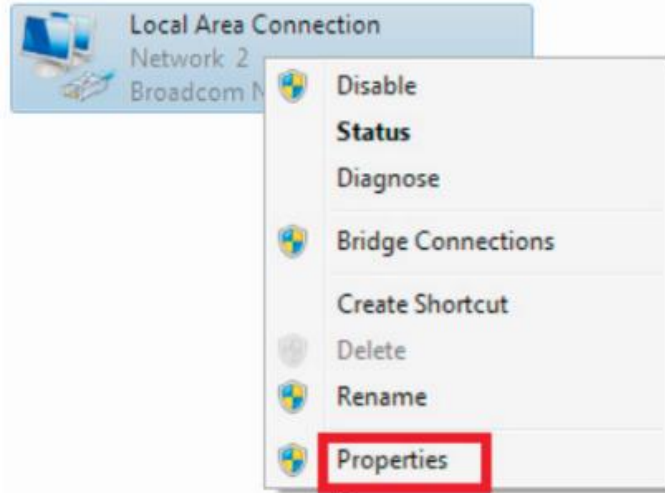
2.2 Check the Installation

The control LEDs of the router are clearly visible and the status of the network link can be seen instantly:

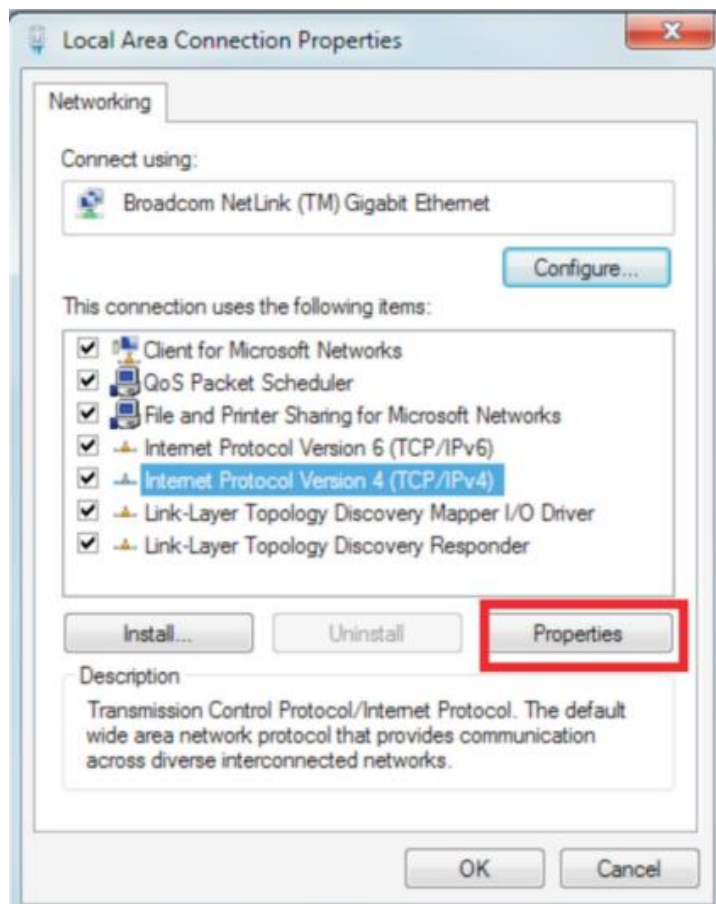
1. With the power source on, once the device is connected to the broadband modem, the Power, LAN, WLAN and WAN port LEDs of the WLAN Router will light up indicating a normal status.
2. When the WAN Port is connected to Internet successfully, the WAN LED will light up.

3.Set up the Computer

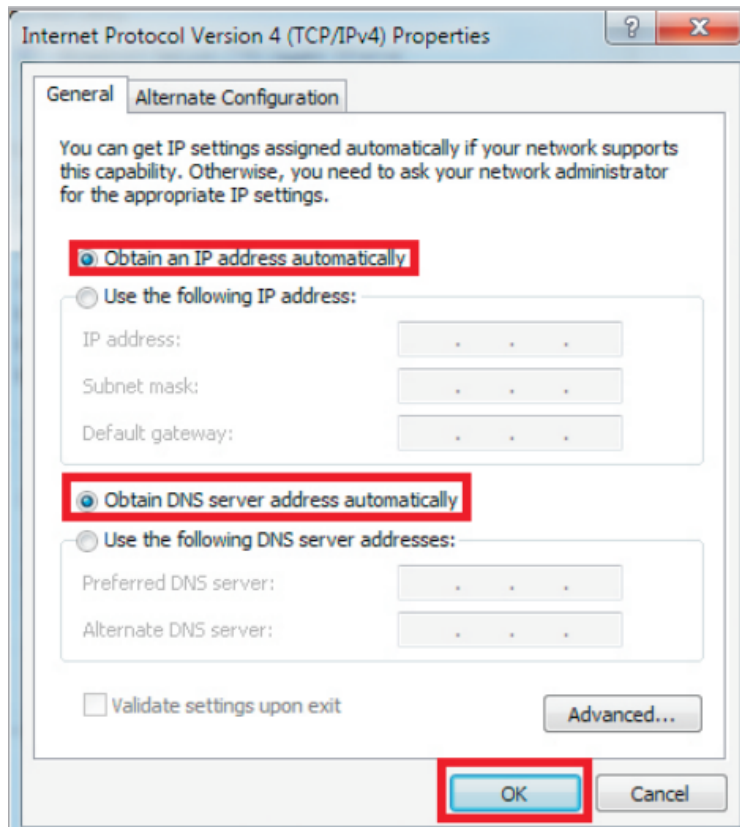
3.1 Click: 【Start】-【Control Panel】-【Network and Internet】-【Network and Sharing Center】-【Change adapter setting】-【Local Area Connection】,select the connected network card,Then right click “Local Area Connection” ,select 【Properties】 .



3.2 Select 【Internet Protocol Version 4(TCP/IPv4)】 ,click 【Properties】



3.3 Select **【Obtain an IP address automatically】** - **【Obtain DNS Server address automatically】** ,click **【OK】** ,Return back to the previous interface and click **【OK】** .



The default IP address of the router is http://192.168.1.1. Both of these parameters can be changed as you want. In this guide, we will use the default values for description.

Connect the local PC to the LAN port on the router. There are then two ways to configure the IP address for your PC.

Configure the IP address manually

Configure the network parameters. The IP address is 192.168.1.xxx ("xxx" range from 2 to 254). The Subnet Mask is 255.255.255.0 and Gateway is 192.168.1.1 (Router' s default IP address).

Obtain an IP address automatically

Set up the TCP/IP Protocol in Obtain an IP address automatically mode on your PC.

4.Router Setting

This chapter introduces how to configure the basic functions of your router so that you can surf the Internet.

4.1 Open the browser,input and connect :http://192.168.1.1 , input user name "admin" and password "admin" ,Click "Next" .

Note: If the above screen does not prompt, it means that your web-browser has been set to using a proxy. Go to **Tools menu-Internet Options-Connections-LAN Settings**, in the screen that appears, cancel the **Using Proxy checkbox**, and click **OK** to finish it.

4.2 Setup Operation Mode

The device support various operation modes,which allows you to use different interfaces for NAT and bridging.Select proper operation mode accordance to your network topology.Default Gateway Mode.Click "Next" .

Operation Mode
You can setup different modes to LAN and WLAN interface for NAT and bridging function.

- Gateway:** In this mode, the device is supposed to connect to internet via ADSL/Cable Modem. The NAT is enabled and PCs in four LAN ports share the same IP to ISP through WAN port. The connection type can be setup in WAN page by using PPPOE, DHCP client, PPTP client, L2TP client or static IP.
- Bridge:** In this mode, all ethernet ports and wireless interface are bridged together and NAT function is disabled. All the WAN related function and firewall are not supported.
- Wireless ISP:** In this mode, all ethernet ports are bridged together and the wireless client will connect to ISP access point. The NAT is enabled and PCs in ethernet ports share the same IP to ISP through wireless LAN. You must set the wireless to client mode first and connect to the ISP AP in Site-Survey page. The connection type can be setup in WAN page by using PPPOE, DHCP client, PPTP client, L2TP client or static IP.

WAN Interface : | wlan1 |

Cancel <<Back Next>>

4.3 Setup Time Zone.Click "Next" .

Time Zone Setting
You can maintain the system time by synchronizing with a public time server over the Internet.

- Enable NTP client update**
- Automatically Adjust Daylight Saving**

Time Zone Select : | (GMT+08:00)Taipei |

NTP server : | 151.100.3.220 - Europe |

Cancel <<Back Next>>

4.4 Setup LAN Setting.Click "Next" .

WLAN Access Point	SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREWALL	MANAGEMENT
SITE CONTENTS:							
OPERATING MODE							
<h3>LAN Interface Setup</h3> <p>This page is used to configure the parameters for local area network which connects to the LAN port of your Access Point. Here you may change the setting for IP address, subnet mask, DHCP, etc..</p> <p>IP Address: <input type="text" value="192.168.1.1"/></p> <p>Subnet Mask: <input type="text" value="255.255.255.0"/></p> <p style="text-align: center;"><input type="button" value="Cancel"/> <input type="button" value=" <<Back"/> <input type="button" value=" Next>>"/></p>							

4.5 Setup WAN Setting

Here you can also set the connection types.The router supports three common connection types:Fixed IP,Obtaining IP automatically and PPPoE dial-up.

To avoid IP conflict you can reboot router to get new IP.

Auto Config(DHCP)

SETUP	WLAN1	WLAN2	TCP/IP	FIREWALL	MANAGEMENT
<h3>WAN Interface Setup</h3> <p>This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE, PPTP or L2TP by click the item value of WAN Access type.</p> <p>WAN Access Type: <input type="text" value="DHCP Client"/></p> <p style="text-align: center;"><input type="button" value="Cancel"/> <input type="button" value=" <<Back"/> <input type="button" value=" Next>>"/></p>					

Fixed IP

WLAN Access Point	SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREW
SITE CONTENTS:						
OPERATING MODE						
<h3>WAN Interface Setup</h3> <p>This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE, PPTP or L2TP by click the item value of WAN Access type.</p> <p>WAN Access Type: <input type="text" value="Static IP"/></p> <p>IP Address: <input type="text" value="172.1.1.1"/></p> <p>Subnet Mask: <input type="text" value="255.255.255.0"/></p> <p>Default Gateway: <input type="text" value="172.1.1.254"/></p> <p>DNS : <input type="text"/></p> <p style="text-align: center;"><input type="button" value="Cancel"/> <input type="button" value=" <<Back"/> <input type="button" value=" Next>>"/></p>						

PPPoE dial-up

Realtek	SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FI
SITE CONTENTS:		<h2>WAN Interface Setup</h2> <p>This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE, PPTP or L2TP by click the item value of WAN Access type.</p>				
OPERATING MODE		<p>WAN Access Type: <input type="text" value="PPPoE"/></p> <p>User Name: <input type="text"/></p> <p>Password: <input type="password"/></p> <p style="text-align: right;"> <input type="button" value="Cancel"/> <input type="button" value=" <<Back"/> <input type="button" value=" Next>>"/> </p>				

4.6 Wireless 5GHz Basic Setting

WLAN Access Point	SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6
SITE CONTENTS:		<h2>Select Wireless Band</h2> <p>You can select the Wireless Band.</p>			
OPERATING MODE		<p>Wireless Band: <input type="text" value="2.4G+5G Concurrent"/></p> <p style="text-align: right;"> <input type="button" value="Cancel"/> <input type="button" value=" <<Back"/> <input type="button" value=" Next>>"/> </p>			

SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREWALL	MANAGEMENT
<h2>Wireless 5GHz Basic Settings</h2> <p>This page is used to configure the parameters for wireless LAN clients that may connect to your Access Point.</p>						
<p>Band: <input type="text" value="5 GHz (A+N+AC)"/></p> <p>Mode: <input type="text" value="AP"/></p> <p>Network Type: <input type="text" value="Infrastructure"/></p> <p>SSID: <input type="text" value="rock space-AC1200 5G"/></p> <p>Channel Width: <input type="text" value="80MHz"/></p> <p>Channel Number: <input type="text" value="44"/></p> <p> <input type="checkbox"/> Enable Mac Clone (Single Ethernet Client) <input type="checkbox"/> Add to Wireless Profile </p> <p style="text-align: right;"> <input type="button" value="Cancel"/> <input type="button" value=" <<Back"/> <input type="button" value=" Next>>"/> </p>						

4.7 Wireless 5GHz Security Setting

SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREWALL	MANAGEMENT
<h2>Wireless 5GHz Security Setup</h2> <p>This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.</p>						
<p>Encryption: <input type="text" value="WPA Mixed"/></p> <p>Pre-Shared Key Format: <input type="text" value="Passphrase"/></p> <p>Pre-Shared Key: <input type="text" value="12345678"/></p> <p style="text-align: right;"> <input type="button" value="Cancel"/> <input type="button" value=" <<Back"/> <input type="button" value=" Next>>"/> </p>						

4.8 Wireless 2.4GHz Basic Setting

SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREWALL	MANAGEMENT
<h3>Wireless 2.4GHz Basic Settings</h3> <p>This page is used to configure the parameters for wireless LAN clients that may connect to your Access Point.</p> <p>Band: 2.4 GHz (B+G+N) ▾ Mode: AP ▾ Network Type: Infrastructure ▾ SSID: rock space-AC1200 2.4G Channel Width: 40MHz ▾ ControlSideband: Upper ▾ Channel Number: Auto ▾</p> <p><input type="checkbox"/> Enable Mac Clone (Single Ethernet Client) <input type="checkbox"/> Add to Wireless Profile</p> <p>Cancel <<Back Next>></p>						

4.9 Wireless 2.4GHz Security Setting

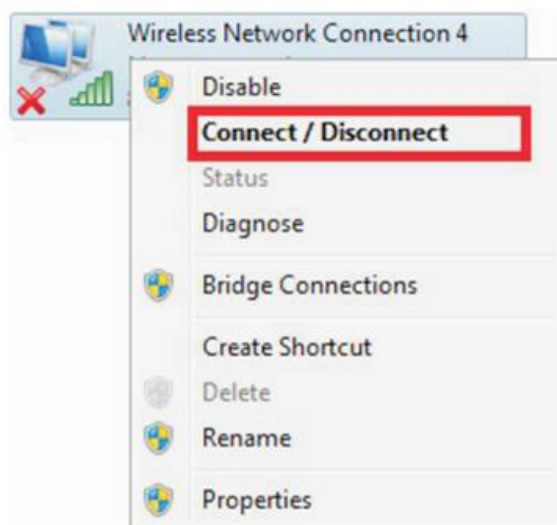
The router will be reboot after you finished setting.

SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREWALL	MANAGEMENT
<h3>Wireless 2.4GHz Security Setup</h3> <p>This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.</p> <p>Encryption: WPA Mixed ▾ Pre-Shared Key Format: Passphrase ▾ Pre-Shared Key: 12345678</p> <p>Cancel <<Back Finished</p>						

5. Wireless connection:

(Here we take an Win7 for instance)

5.1 Click **【Start】 - 【Control Panel】 - 【Network and Internet】 - 【Network and Sharing Center】 - 【Change adapter settings】 - 【Wireless Network Connection】** ,Then right click "Wireless Network Connection" ,select " Connect/Disconnect" .

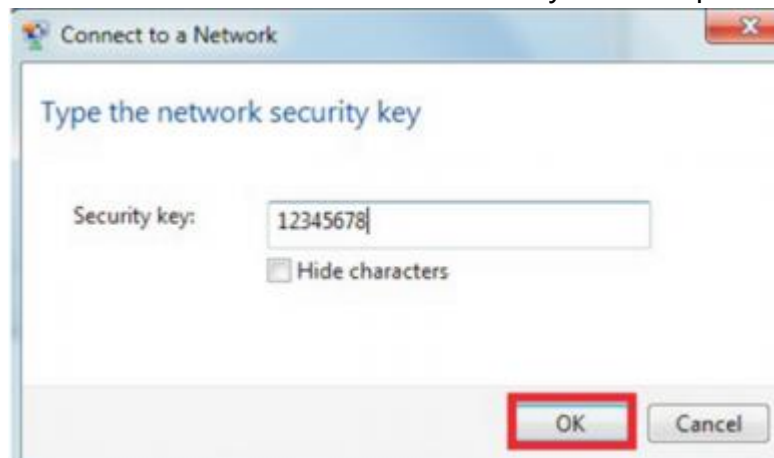


5.2 Select the wireless network name(SSID) in the wireless network list,click "Connect" .

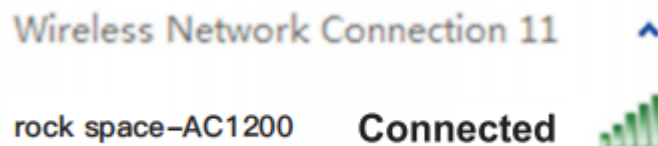


5.3 Enter Wi-Fi Key, click "OK" .

Note: The default SSID and Network Key is on the product label on the bottom.



5.4 Connection is successful.



6.Changing Password

Password Setup: Now, we recommend that you change the password to protect the security of your Router.

User Name: type in the name you use to login the web interface of the router.

New Password: new password is used for administrator authentication.

Confirmed Password: new password should be re-entered to verify its accuracy.

The screenshot shows the Rockspace AC1200 gigabit router web interface. The top navigation bar includes 'Realtek', 'SETUP', 'WLAN5G', 'WLAN2.4G', 'NETWORK', 'IPV6', 'FIREWALL', and 'MANAGEMENT'. The left sidebar contains various menu items: STATUS, STATISTICS, DDNS, TIME ZONE SETTINGS, DOS SETTINGS, TR-069 CONFIG, SYSTEM LOG, DIAGNOSTICS, UPGRADE FIRMWARE, SAVE/RELOAD SETTINGS, REBOOT DEVICE, PASSWORD (highlighted), and LOGOUT. The main content area is titled 'Password Setup' and contains the following text: 'This page is used to setup an account to access the web server of the Access Point. An empty user name and password will disable password protection.' Below this text are three input fields labeled 'User Name:', 'New Password:', and 'Confirm Password:'. At the bottom of the form are three buttons: 'Save', 'Save & Apply', and 'Reset'.

7.Setup

7.1 Setup Wizard

The setup wizard will guide you to configure the Access Point for the first time. Please follow the setup wizard step by step.

The screenshot shows the Rockspace AC1200 gigabit router web interface. The top navigation bar includes 'rock space AC1200 gigabit router' and a menu with 'WLAN Access Point', 'SETUP' (highlighted), 'WLAN5G', 'WLAN2.4G', 'NETWORK', 'IPV6', 'FIREWALL', and 'MANAGEMENT'. The left sidebar contains 'SITE CONTENTS:' and 'OPERATING MODE'. The main content area is titled 'Setup Wizard' and contains the following text: 'The setup wizard will guide you to configure the Access Point for the first time. Please follow the setup wizard step by step.' Below this text is a heading 'Welcome to Setup Wizard.' followed by the instruction: 'The Wizard will guide you through the following steps. Begin by clicking on Next.' A list of seven steps is provided: 1. Setup Operating Mode, 2. Choose your Time Zone, 3. Setup LAN Interface, 4. Setup WAN Interface, 5. Select Wireless Band, 6. Wireless LAN Setting, and 7. Wireless Security Setting. At the bottom right of the main content area is a 'Next>>' button.

7.2 Operating Mode

You can setup different modes for the LAN and WLAN interfaces for NAT and bridging functions.

rock space AC1200 gigabit router

Realtek SETUP WLAN5G WLAN2.4G NETWORK IPV6 FIREWALL MANAGEMENT

SITE CONTENTS: OPERATING MODE

Operating Mode

You can setup different modes for the LAN and WLAN interfaces for NAT and bridging functions.

- Gateway:** In this mode, the device connects to the internet via an ADSL/Cable Modem. NAT is enabled and PCs on LAN ports share the same IP Address to the ISP via the WAN port. The connection type can be setup on the WAN page using PPPoE, DHCP client, PPTP client, L2TP client, or static IP.
- Bridge:** In this mode, all ethernet ports and wireless interfaces are bridged together and the NAT function is disabled. All WAN related functions, including the firewall, are not supported.
- Wireless ISP:** In this mode, all ethernet ports are bridged together and the wireless client will connect to the ISP access point. NAT is enabled and PCs on Ethernet ports share the same IP to the ISP via the wireless LAN. You can connect to the ISP's AP on the Site-Survey page. The connection type can be setup on the WAN page using PPPoE, DHCP client, PPTP client, L2TP client, or static IP.

WAN Interface : wlan1

Save Save & Apply Reset

8.WLAN 5G

8.1 Basic Settings-Wireless Basic Settings-WLAN1

This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.

rock space AC1200 gigabit router

WLAN Access Point SETUP WLAN5G WLAN2.4G NETWORK IPV6 FIREWALL MANAGEMENT

BASIC SETTINGS ADVANCED SETTINGS SECURITY SETTINGS ACCESS CONTROL WDS SETTINGS SITE SURVEY WPS SETTINGS GREEN AP

Wireless Basic Settings-WLAN1

This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.

Disable Wireless LAN Interface

Country: UNITED STATES

Band: 5 GHz (A+N+AC)

Mode: AP MultipleAP

Network Type: Infrastructure

SSID: rock space-AC1200 5G [Add to Profile](#)

Channel Width: 80MHz

Control Sideband: Auto

Channel Number: 44

Broadcast SSID: Enabled

WMM: Enabled

Data Rate: Auto

TX restrict: 0 Mbps (0:no restrict)

RX restrict: 0 Mbps (0:no restrict)

Associated Clients: [Show Active Clients](#)

Enable MAC Clone (Single Ethernet Client)

Enable Universal Repeater Mode (Acting as AP and client simultaneously)

SSID of Extended Interface: SSID-RPT0 [Add to Profile](#)

8.2 Wireless Advanced Settings -wlan1

These settings are only for more technically advanced users who have a sufficient knowledge about wireless LAN. These settings should not be changed unless you know what effect the changes will have on your Access Point.

The screenshot shows the 'Wireless Advanced Settings -wlan1' page. The left sidebar contains navigation tabs: Realtek, SETUP, WLAN5G (selected), WLAN2.4G, NETWORK, IPV6, FIREWALL, and MANAGEMENT. Below these are sub-tabs: BASIC SETTINGS, ADVANCED SETTINGS (selected), SECURITY SETTINGS, ACCESS CONTROL, WDS SETTINGS, SITE SURVEY, WPS SETTINGS, and GREEN AP. The main content area has a title 'Wireless Advanced Settings -wlan1' and a warning: 'These settings are only for more technically advanced users who have a sufficient knowledge about wireless LAN. These settings should not be changed unless you know what effect the changes will have on your Access Point.' The settings include: Fragment Threshold (2346), RTS Threshold (2347), Beacon Interval (100), IAPP (Enabled), Protection (Disabled), Aggregation (Enabled), Short GI (Enabled), WLAN Partition (Disabled), STBC (Enabled), LDPC (Enabled), TX Beamforming (Disabled), MU MIMO (Disabled), Multicast to Unicast (Enabled), and RF Output Power (100%). Buttons for 'Save', 'Save & Apply', and 'Reset' are at the bottom.

8.3 Wireless Security Setup -wlan1

This page allows you setup wireless security. Using WEP or WPA Encryption Keys will help prevent unauthorized access to your wireless network.

The screenshot shows the 'Wireless Security Setup -wlan1' page. The left sidebar is identical to the previous page. The main content area has a title 'Wireless Security Setup -wlan1' and a warning: 'This page allows you setup wireless security. Using WEP or WPA Encryption Keys will help prevent unauthorized access to your wireless network.' The 'Select SSID' dropdown is set to 'Root AP - rock space-AC1200 5G'. Below are settings for Encryption (WPA-Mixed), Authentication Mode (Personal (Pre-Shared Key)), WPA Cipher Suite (TKIP and AES checked), WPA2 Cipher Suite (TKIP and AES checked), Pre-Shared Key Format (Passphrase), and Pre-Shared Key (12345678). Buttons for 'Save', 'Save & Apply', and 'Reset' are at the bottom.

8.4 Wireless Access Control -wlan1

If you choose Allowed Listed, only those clients whose wireless MAC addresses are in the access control list will be able to connect to your Access Point. When Deny Listed is selected, these wireless clients on the list will not be able to connect to the Access Point.

rock space AC1200 gigabit router

Realtek	SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREWALL	MANAGEMENT
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Wireless Access Control -wlan1

If you choose Allowed Listed, only those clients whose wireless MAC addresses are in the access control list will be able to connect to your Access Point. When Deny Listed is selected, these wireless clients on the list will not be able to connect to the Access Point.

Wireless Access Control Mode:

MAC Address: (XX:XX:XX:XX:XX:XX)

Comment:

Current Access Control List:

MAC Address:	Comment:	Select
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

8.5 WDS Settings -wlan1

Wireless Distribution System uses the wireless media to communicate with other APs, as Ethernet does. To do this, you must set these APs to the same channel and set the MAC address of other APs that you want to communicate with in the table, and then enable WDS.

rock space AC1200 gigabit router

Realtek	SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREWALL	MANAGEMENT
---------	-------	--------	----------	---------	------	----------	------------

WDS Settings -wlan1

Wireless Distribution System uses the wireless media to communicate with other APs, as Ethernet does. To do this, you must set these APs to the same channel and set the MAC address of other APs that you want to communicate with in the table, and then enable WDS.

Enable WDS

MAC Address: (XX:XX:XX:XX:XX:XX)

Data Rate:

Comment:

Current WDS AP List:

MAC Address:	Tx Rate (Mbps)	Comment	Select
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

8.6 Wireless Site Survey -wlan1

This page provides a tool to scan for wireless networks. If an Access Point or IBSS is found, you could choose to connect to it manually when client mode is enabled.

rock space AC1200 gigabit router

Realtek SETUP **WLAN5G** WLAN2.4G NETWORK IPV6 FIREWALL MANAGEMENT

Wireless Site Survey -wlan1

This page provides a tool to scan for wireless networks. If an Access Point or IBSS is found, you could choose to connect to it manually when client mode is enabled.

Site Survey

SSID	BSSID	Channel	Type	Encrypt	Signal
None					

BASIC SETTINGS
ADVANCED SETTINGS
SECURITY SETTINGS
ACCESS CONTROL
WDS SETTINGS
SITE SURVEY
WPS SETTINGS
GREEN AP

8.7 Wi-Fi Protected Setup1

This page allows you to change the settings for WPS (Wi-Fi Protected Setup). Using this feature allows a wireless client to automatically synchronize its settings and easily and securely connect to the Access Point.

rock space AC1200 gigabit router

Realtek SETUP WLAN5G **WLAN2.4G** NETWORK IPV6 FIREWALL MANAGEMENT

Wi-Fi Protected Setup1

This page allows you to change the settings for WPS (Wi-Fi Protected Setup). Using this feature allows a wireless client to automatically synchronize its settings and easily and securely connect to the Access Point.

Disable WPS

Save Save & Apply Reset

WPS Status: Configured UnConfigured
Reset to UnConfigured

Auto-lock-down state
Unlocked Unlock

Self-PIN Number: 21595684

Push Button Configuration: Start PBC
Stop WSC

Client PIN Number: Start PIN

Current Key Info:

Authentication	Encryption	Key
WPA2-Mixed PSK	TKIP+AES	12345678

WPS Progress Status

NOT_USED-->NOT USED (IDLE)

BASIC SETTINGS
ADVANCED SETTINGS
SECURITY SETTINGS
ACCESS CONTROL
WDS SETTINGS
SITE SURVEY
WPS SETTINGS
GREEN AP

8.8 Wireless Schedule1

This page allows you setup the wireless schedule rule. Do not forget to configure the system time before enabling this feature.

rock space AC1200 gigabit router

Realtek SETUP WLAN5G WLAN2.4G NETWORK IPV6 FIREWALL MANAGEMENT

Wireless Schedule1

This page allows you setup the wireless schedule rule. Do not forget to configure the system time before enabling this feature.

Enable Wireless Schedule

Enable	Day	From	To
<input type="checkbox"/>	Sun	00 (hour) 00 (min)	00 (hour) 00 (min)
<input type="checkbox"/>	Sun	00 (hour) 00 (min)	00 (hour) 00 (min)
<input type="checkbox"/>	Sun	00 (hour) 00 (min)	00 (hour) 00 (min)
<input type="checkbox"/>	Sun	00 (hour) 00 (min)	00 (hour) 00 (min)
<input type="checkbox"/>	Sun	00 (hour) 00 (min)	00 (hour) 00 (min)
<input type="checkbox"/>	Sun	00 (hour) 00 (min)	00 (hour) 00 (min)
<input type="checkbox"/>	Sun	00 (hour) 00 (min)	00 (hour) 00 (min)
<input type="checkbox"/>	Sun	00 (hour) 00 (min)	00 (hour) 00 (min)
<input type="checkbox"/>	Sun	00 (hour) 00 (min)	00 (hour) 00 (min)
<input type="checkbox"/>	Sun	00 (hour) 00 (min)	00 (hour) 00 (min)
<input type="checkbox"/>	Sun	00 (hour) 00 (min)	00 (hour) 00 (min)
<input type="checkbox"/>	Sun	00 (hour) 00 (min)	00 (hour) 00 (min)
<input type="checkbox"/>	Sun	00 (hour) 00 (min)	00 (hour) 00 (min)
<input type="checkbox"/>	Sun	00 (hour) 00 (min)	00 (hour) 00 (min)

Save Save & Apply Reset

9.WLAN 2.4G

9.1 Basic Settings-Wireless Basic Settings-WLAN2

This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.

rock space AC1200 gigabit router

Realtek SETUP WLAN5G WLAN2.4G NETWORK IPV6 FIREWALL MANAGEMENT

Wireless Basic Settings-WLAN2

This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.

Disable Wireless LAN Interface

Country: UNITED STATES

Band: 2.4 GHz (B+G+N)

Mode: AP MultipleAP

Network Type: Infrastructure

SSID: rock space-AC1200 2.4G Add to Profile

Channel Width: 40MHz

Control Sideband: Upper

Channel Number: 11

Broadcast SSID: Enabled

WMM: Enabled

Data Rate: Auto

TX restrict: 0 Mbps (0:no restrict)

RX restrict: 0 Mbps (0:no restrict)

Associated Clients: Show Active Clients

Enable MAC Clone (Single Ethernet Client)

Enable Universal Repeater Mode (Acting as AP and client simultaneously)

SSID of Extended Interface: SSID-RPT1 Add to Profile

Save Save & Apply Reset

9.2 Wireless Advanced Settings -wlan2

These settings are only for more technically advanced users who have a sufficient knowledge about wireless LAN. These settings should not be changed unless you know what effect the changes will have on your Access Point.

The screenshot shows the 'Wireless Advanced Settings -wlan2' page. The left sidebar contains navigation tabs: Realtek, SETUP, WLAN5G, WLAN2.4G (selected), NETWORK, IPV6, FIREWALL, and MANAGEMENT. The main content area has a sub-menu on the left with tabs: BASIC SETTINGS, ADVANCED SETTINGS (selected), SECURITY SETTINGS, ACCESS CONTROL, WDS SETTINGS, SITE SURVEY, WPS SETTINGS, and GREEN AP. The main content area displays the following settings:

- Fragment Threshold:** 2346 (256-2346)
- RTS Threshold:** 2347 (0-2347)
- Beacon Interval:** 100 (20-1024 ms)
- Preamble Type:** Long Preamble Short Preamble
- IAPP:** Enabled Disabled
- Protection:** Enabled Disabled
- Aggregation:** Enabled Disabled
- Short GI:** Enabled Disabled
- WLAN Partition:** Enabled Disabled
- STBC:** Enabled Disabled
- LDPC:** Enabled Disabled
- 20/40MHz Coexist:** Enabled Disabled
- TX Beamforming:** Enabled Disabled
- MU MIMO:** Enabled Disabled
- Multicast to Unicast:** Enabled Disabled
- RF Output Power:** 100% 70% 50% 35% 15%

Buttons at the bottom: Save, Save & Apply, Reset.

9.3 Wireless Security Setup -wlan2

This page allows you setup wireless security. Using WEP or WPA Encryption Keys will help prevent unauthorized access to your wireless network.

The screenshot shows the 'Wireless Security Setup -wlan2' page. The left sidebar contains navigation tabs: Realtek, SETUP, WLAN5G, WLAN2.4G (selected), NETWORK, IPV6, FIREWALL, and MANAGEMENT. The main content area has a sub-menu on the left with tabs: BASIC SETTINGS, ADVANCED SETTINGS, SECURITY SETTINGS (selected), ACCESS CONTROL, WDS SETTINGS, SITE SURVEY, WPS SETTINGS, and GREEN AP. The main content area displays the following settings:

- Select SSID:** Root AP - rock space-AC1200 2.4G
- Encryption:** WPA-Mixed
- Authentication Mode:** Enterprise (RADIUS) Personal (Pre-Shared Key)
- WPA Cipher Suite:** TKIP AES
- WPA2 Cipher Suite:** TKIP AES
- Pre-Shared Key Format:** Passphrase
- Pre-Shared Key:** 12345678

Buttons at the bottom: Save, Save & Apply, Reset.

9.4 Wireless Access Control -wlan2

If you choose Allowed Listed, only those clients whose wireless MAC addresses are in the access control list will be able to connect to your Access Point. When Deny Listed is selected, these wireless clients on the list will not be able to connect to the

Access Point.

The screenshot shows the 'Wireless Access Control - wlan2' configuration page. The left sidebar contains a menu with 'ACCESS CONTROL' highlighted. The main content area includes a title, a descriptive paragraph, a 'Wireless Access Control Mode' dropdown set to 'Disable', a 'MAC Address' input field with a placeholder '(XX:XX:XX:XX:XX:XX)', and a 'Comment' input field. Below these are 'Save', 'Save & Apply', and 'Reset' buttons. A table titled 'Current Access Control List' has columns for 'MAC Address', 'Comment', and 'Select'. At the bottom are 'Delete Selected', 'Delete All', and 'Reset' buttons.

9.5 WDS Settings -wlan2

Wireless Distribution System uses the wireless media to communicate with other APs, as Ethernet does. To do this, you must set these APs to the same channel and set the MAC address of other APs that you want to communicate with in the table, and then enable WDS.

The screenshot shows the 'WDS Settings - wlan2' configuration page. The left sidebar has 'WDS SETTINGS' highlighted. The main content area includes a title, a descriptive paragraph, an 'Enable WDS' checkbox, a 'MAC Address' input field with a placeholder '(XX:XX:XX:XX:XX:XX)', a 'Data Rate' dropdown set to 'Auto', and a 'Comment' input field. Below these are 'Save', 'Save & Apply', 'Reset', 'Set Security', and 'Show Statistics' buttons. A table titled 'Current WDS AP List' has columns for 'MAC Address', 'Tx Rate (Mbps)', 'Comment', and 'Select'. At the bottom are 'Delete Selected', 'Delete All', and 'Reset' buttons.

9.6 Wireless Site Survey -wlan2

This page provides a tool to scan for wireless networks. If an Access Point or IBSS is found, you could choose to connect to it manually when client mode is enabled.

rock space AC1200 gigabit router

Realtek SETUP WLAN5G **WLAN2.4G** NETWORK IPV6 FIREWALL MANAGEMENT

Wireless Site Survey -wlan2

This page provides a tool to scan for wireless networks. If an Access Point or IBSS is found, you could choose to connect to it manually when client mode is enabled.

Site Survey

SSID	BSSID	Channel	Type	Encrypt	Signal
None					

BASIC SETTINGS
ADVANCED SETTINGS
SECURITY SETTINGS
ACCESS CONTROL
WDS SETTINGS
SITE SURVEY
WPS SETTINGS
GREEN AP

9.7 Wi-Fi Protected Setup2

This page allows you to change the settings for WPS (Wi-Fi Protected Setup). Using this feature allows a wireless client to automatically synchronize its settings and easily and securely connect to the Access Point.

rock space AC1200 gigabit router

Realtek SETUP WLAN5G **WLAN2.4G** NETWORK IPV6 FIREWALL MANAGEMENT

Wi-Fi Protected Setup2

This page allows you to change the settings for WPS (Wi-Fi Protected Setup). Using this feature allows a wireless client to automatically synchronize its settings and easily and securely connect to the Access Point.

Disable WPS

Save Save & Apply Reset

WPS Status: Configured UnConfigured
Reset to UnConfigured

Auto-lock-down state
Unlocked Unlock

Self-PIN Number: 21595684

Push Button Configuration: Start PBC

STOP WSC Stop WSC

Client PIN Number: Start PIN

Current Key Info:

Authentication	Encryption	Key
WPA2-Mixed PSK	TKIP+AES	12345678

WPS Progress Status

NOT_USED-->NOT USED (IDLE)

BASIC SETTINGS
ADVANCED SETTINGS
SECURITY SETTINGS
ACCESS CONTROL
WDS SETTINGS
SITE SURVEY
WPS SETTINGS
GREEN AP

9.8 Wireless Schedule2

This page allows you setup the wireless schedule rule. Do not forget to configure the system time before enabling this feature.

rock space AC1200 gigabit router

WLAN Access Point | SETUP | WLAN5G | **WLAN2.4G** | NETWORK | IPV6 | FIREWALL | MANAGEMENT

Wireless Schedule2

This page allows you setup the wireless schedule rule. Do not forget to configure the system time before enabling this feature.

Enable Wireless Schedule

Enable	Day	From			To				
<input type="checkbox"/>	Sun	00	(hour)	00	(min)	00	(hour)	00	(min)
<input type="checkbox"/>	Sun	00	(hour)	00	(min)	00	(hour)	00	(min)
<input type="checkbox"/>	Sun	00	(hour)	00	(min)	00	(hour)	00	(min)
<input type="checkbox"/>	Sun	00	(hour)	00	(min)	00	(hour)	00	(min)
<input type="checkbox"/>	Sun	00	(hour)	00	(min)	00	(hour)	00	(min)
<input type="checkbox"/>	Sun	00	(hour)	00	(min)	00	(hour)	00	(min)
<input type="checkbox"/>	Sun	00	(hour)	00	(min)	00	(hour)	00	(min)
<input type="checkbox"/>	Sun	00	(hour)	00	(min)	00	(hour)	00	(min)
<input type="checkbox"/>	Sun	00	(hour)	00	(min)	00	(hour)	00	(min)
<input type="checkbox"/>	Sun	00	(hour)	00	(min)	00	(hour)	00	(min)
<input type="checkbox"/>	Sun	00	(hour)	00	(min)	00	(hour)	00	(min)
<input type="checkbox"/>	Sun	00	(hour)	00	(min)	00	(hour)	00	(min)

Save Save & Apply Reset

10.Network

10.1 LAN Interface Setup

This page is used to configure the parameters for the local area network that connects to the LAN port of your Access Point. Here you may change the settings for IP address, subnet mask, DHCP, etc...

rock space AC1200 gigabit router

WLAN Access Point | SETUP | WLAN5G | WLAN2.4G | **NETWORK** | IPV6 | FIREWALL | MANAGEMENT

LAN Interface Setup

This page is used to configure the parameters for the local area network that connects to the LAN port of your Access Point. Here you may change the settings for IP address, subnet mask, DHCP, etc...

IP Address: 192.168.1.1

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DHCP: Server

DHCP Client Range: 192.168.1.100 - 192.168.1.200 Show Client

DHCP Lease Time: 480 (1 ~ 10080 minutes)

Static DHCP: Set Static DHCP

Domain Name: Home

802.1d Spanning Tree: Disabled

Clone MAC Address: 000000000000

Save Save&Apply Reset

10.2 WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE, PPTP or L2TP by click the item value of WAN Access type.

rock space Ac1200 gigabit router

WLAN Access Point | SETUP | WLAN5G | WLAN2.4G | NETWORK | IPV6 | FIREWALL | MANAGEMENT

LAN SETTINGS | WAN SETTINGS

WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE, PPTP or L2TP by click the item value of WAN Access type.

WAN Access Type: DHCP Client

Host Name: RSD0611

MTU Size: 1500 (1280-1500 bytes)

Attain DNS Automatically
 Set DNS Manually

DNS 1:

DNS 2:

DNS 3:

Clone MAC Address: 000000000000

Enable uPNP
 Enable IGMP Proxy
 IGMP Snooping
 IGMP Fast Leave
 Enable Ping Access on WAN
 Enable Web Server Access on WAN
 Web Accessed port:

Enable IPsec pass through on VPN connection
 Enable PPTP pass through on VPN connection
 Enable L2TP pass through on VPN connection

11.IPV6

11.1 WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, AUTO, PPPoE, Bridge by click the item value of WAN Access type.

rock space Ac1200 gigabit router

WLAN Access Point | SETUP | WLAN5G | WLAN2.4G | NETWORK | IPV6 | FIREWALL | MANAGEMENT

IPV6 WAN SETTING | IPV6 LAN SETTING | ROUTER ADVERTISEMENT | TUNNEL (6TO4)

WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, AUTO, PPPoE, Bridge by click the item value of WAN Access type.

WAN

Enable IPv6

Origin Type: AUTO

WAN Link Type: Ethernet

11.2 Configuring LAN Setting

rock space AC1200 gigabit router

WLAN Access Point SETUP WLAN5G WLAN2.4G NETWORK **IPV6** FIREWALL MANAGEMENT

IPV6 WAN SETTING
IPV6 LAN SETTING
 ROUTER ADVERTISEMENT
 TUNNEL (6TO4)

Configuring LAN Setting

IP Address: [0000] : [0000] : [0000] : [0000] : [0000] : [0000] : [0000] : [0000]
 Prefix Length: [0]

Configuring DHCPv6 Server
 Enable:
 DNS Addr: []
 Interface Name: []
 Adrs Pool From: [] To: []

[Save] [Save & Apply]

11.3 Configuring Router Advertisement

rock space AC1200 gigabit router

WLAN Access Point SETUP WLAN5G WLAN2.4G NETWORK **IPV6** FIREWALL MANAGEMENT

IPV6 WAN SETTING
 IPV6 LAN SETTING
ROUTER ADVERTISEMENT
 TUNNEL (6TO4)

Configuring Router Advertisement

Enable

radvdinterfacename: []
 MaxRtrAdvInterval: [0]
 MinRtrAdvInterval: [0]
 MinDelayBetweenRAs: [0]
 AdvManagedFlag:
 AdvOtherConfigFlag:
 AdvLinkMTU: [0]
 AdvReachableTime: [0]
 AdvRetransTimer: [0]
 AdvCurHopLimit: [0]
 AdvDefaultLifetime: [0]
 AdvDefaultPreference: [high] v
 AdvSourceLLAddress:
 UnicastOnly:

prefix1 Enabled
 prefix [0000] : [0000] : [0000] : [0000] : [0000] : [0000] : [0000] : [0000]
 [0000] : [0000] / [0]
 AdvOnLinkFlag:
 AdvAutonomousFlag:
 AdvValidLifetime: [0]
 AdvPreferredLifetime: [0]
 AdvRouterAddr:
 if6to4: []

prefix2 Enabled
 prefix [0000] : [0000] : [0000] : [0000] : [0000] : [0000] : [0000] : [0000]
 [0000] : [0000] / [0]
 AdvOnLinkFlag:
 AdvAutonomousFlag:
 AdvValidLifetime: [0]
 AdvPreferredLifetime: [0]
 AdvRouterAddr:
 if6to4: []

[Save] [Save & Apply] [default] [reset]

11.4 Configuring Tunnel(6to4)

rock space AC1200 gigabit router

Realtek SETUP WLAN5G WLAN2.4G NETWORK **IPV6** FIREWALL MANAGEMENT

IPV6 WAN SETTING
IPV6 LAN SETTING
ROUTER ADVERTISEMENT
TUNNEL (6TO4)

Configuring Tunnel(6to4)

Enable Save

12.Firewall

12.1 Port Filtering

Entries in this table are used to restrict certain types of data packets from your local network passing to the Internet through the Gateway. Use of these filters can be helpful in securing or restricting your local network.

rock space AC1200 gigabit router

WLAN Access Point SETUP WLAN5G WLAN2.4G NETWORK IPV6 **FIREWALL** MANAGEMENT

PORT FILTERING
IP FILTERING
MAC FILTERING
PORT FORWARDING
URL FILTERING
DMZ
802.1Q VLAN
ROUTING SETUP
QOS

Port Filtering

Entries in this table are used to restrict certain types of data packets from your local network passing to the Internet through the Gateway. Use of these filters can be helpful in securing or restricting your local network.

Enable Port Filtering
 Enable IPv4 Enable IPv6

Port Range: -

Protocol: Both

Comment:

Save Save & Apply Reset

Current Filter Table:

Port Range	Protocol	IP Version	Comment	Select
------------	----------	------------	---------	--------

Delete Selected Delete All Reset

12.2 IP Filtering

Entries in this table are used to restrict certain types of data packets from your local network passing to the Internet through the Gateway. Use of such filters can be helpful in securing or restricting your local network.

rock space Ac1200 gigabit router

Realtek	SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREWALL	MANAGEMENT								
PORT FILTERING	IP Filtering														
IP FILTERING	<p>Entries in this table are used to restrict certain types of data packets from your local network passing to the Internet through the Gateway. Use of such filters can be helpful in securing or restricting your local network.</p> <p><input type="checkbox"/> Enable IP Filtering <input type="checkbox"/> Enable IPv4 <input type="checkbox"/> Enable IPv6</p> <p>Local IPv4 Address: <input type="text"/></p> <p>Local IPv6 Address: <input type="text"/></p> <p>Protocol: <input type="text" value="Both"/> Comment: <input type="text"/></p> <p>Save Save & Apply Reset</p> <p>Current Filter Table:</p> <table border="1"> <thead> <tr> <th>Local IP Address</th> <th>Protocol</th> <th>Comment</th> <th>Select</th> </tr> </thead> <tbody> <tr> <td colspan="4">Delete Selected Delete All Reset</td> </tr> </tbody> </table>							Local IP Address	Protocol	Comment	Select	Delete Selected Delete All Reset			
Local IP Address	Protocol	Comment	Select												
Delete Selected Delete All Reset															
MAC FILTERING															
PORT FORWARDING															
URL FILTERING															
DMZ															
802.1Q VLAN															
ROUTING SETUP															
QOS															

12.3 MAC Filtering

Entries in this table are used to restrict certain types of data packets from your local network passing to the Internet through the Gateway. Use of such filters can be helpful in securing or restricting your local network.

rock space Ac1200 gigabit router

Realtek	SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREWALL	MANAGEMENT						
PORT FILTERING	MAC Filtering												
IP FILTERING	<p>Entries in this table are used to restrict certain types of data packets from your local network passing to the Internet through the Gateway. Use of such filters can be helpful in securing or restricting your local network.</p> <p><input type="checkbox"/> Enable MAC Filtering</p> <p>MAC Address: <input type="text"/> Comment: <input type="text"/></p> <p>Save Save & Apply Reset</p> <p>Current Filter Table:</p> <table border="1"> <thead> <tr> <th>MAC Address</th> <th>Comment</th> <th>Select</th> </tr> </thead> <tbody> <tr> <td colspan="3">Delete Selected Delete All Reset</td> </tr> </tbody> </table>							MAC Address	Comment	Select	Delete Selected Delete All Reset		
MAC Address	Comment	Select											
Delete Selected Delete All Reset													
MAC FILTERING													
PORT FORWARDING													
URL FILTERING													
DMZ													
802.1Q VLAN													
ROUTING SETUP													
QOS													

12.4 Port Forwarding

Entries in this table allow you to automatically redirect common network services to a specific machine behind the NAT firewall. These settings are only necessary if you wish to host some sort of server such as a web server or mail server on the private local network behind your Gateway's NAT firewall.

rock space AC1200 gigabit router

WLAN Access Point | SETUP | WLAN5G | WLAN2.4G | NETWORK | IPV6 | FIREWALL | MANAGEMENT

PORT FILTERING | IP FILTERING | MAC FILTERING | **PORT FORWARDING** | URL FILTERING | DMZ | 802.1Q VLAN | ROUTING SETUP | QOS

Port Forwarding

Entries in this table allow you to automatically redirect common network services to a specific machine behind the NAT firewall. These settings are only necessary if you wish to host some sort of server such as a web server or mail server on the private local network behind your Gateway's NAT firewall.

Enable Port Forwarding

Local IP Address:

Local Port Range: -

Protocol: Both

Remote IP Address:

Remote Port Range: -

Comment:

Save | Save & Apply | Reset

Current Port Forwarding Table:

Local IP Address	Local Port Range	Protocol	Remote IP Address	Remote Port Range	Status	Comment	Select
Delete Selected Delete All Reset							

12.5 URL Filtering

The URL filter is used to restrict LAN users access to the internet. Block those URLs which contain keywords listed below.

rock space AC1200 gigabit router

WLAN Access Point | SETUP | WLAN5G | WLAN2.4G | NETWORK | IPV6 | FIREWALL | MANAGEMENT

PORT FILTERING | IP FILTERING | MAC FILTERING | PORT FORWARDING | **URL FILTERING** | DMZ | 802.1Q VLAN | ROUTING SETUP | QOS

URL Filtering

The URL filter is used to restrict LAN users access to the internet. Block those URLs which contain keywords listed below.

Enable URL Filtering

deny url address(black list)

allow url address(white list)

URL Address

Save | Save & Apply | Reset

Current Filter Table:

URL Address:	Select
Delete Selected Delete All Reset	

12.6 DMZ

A Demilitarized Zone is used to provide Internet services without sacrificing unauthorized access to its local private network. Typically, the DMZ host contains devices accessible to Internet traffic, such as Web (HTTP) servers, FTP servers, SMTP (e-mail) servers, and DNS servers.

rock space AC1200 gigabit router

Realtek SETUP WLAN5G WLAN2.4G NETWORK IPV6 **FIREWALL** MANAGEMENT

DMZ

A Demilitarized Zone is used to provide Internet services without sacrificing unauthorized access to its local private network. Typically, the DMZ host contains devices accessible to Internet traffic, such as Web (HTTP) servers, FTP servers, SMTP (e-mail) servers, and DNS servers.

Enable DMZ

DMZ Host IP Address:

Save Save & Apply Reset

12.7 802.1Q VLAN

Entries in below table are used to config vlan settings. VLANs are created to provide the segmentation services traditionally provided by routers. VLANs address issues such as scalability, security, and network management.

rock space AC1200 gigabit router

WLAN Access Point SETUP WLAN5G WLAN2.4G NETWORK IPV6 **FIREWALL** MANAGEMENT

802.1Q VLAN

Entries in below table are used to config vlan settings. VLANs are created to provide the segmentation services traditionally provided by routers. VLANs address issues such as scalability, security, and network management.

Enable 802.1Q VLAN

VLAN ID(1-4094):

Forwarding Rule: NAT Hardware NAT:

Port	Member	Tagged
LAN1	<input type="checkbox"/>	<input type="checkbox"/>
LAN2	<input type="checkbox"/>	<input type="checkbox"/>
LAN3	<input type="checkbox"/>	<input type="checkbox"/>
LAN4	<input type="checkbox"/>	<input type="checkbox"/>
WAN	<input type="checkbox"/>	<input type="checkbox"/>
WLAN1	<input type="checkbox"/>	<input type="checkbox"/>
WLAN1-VA1	<input type="checkbox"/>	<input type="checkbox"/>
WLAN1-VA2	<input type="checkbox"/>	<input type="checkbox"/>
WLAN1-VA3	<input type="checkbox"/>	<input type="checkbox"/>
WLAN1-VA4	<input type="checkbox"/>	<input type="checkbox"/>
WLAN1-VXD	<input type="checkbox"/>	<input type="checkbox"/>
WLAN2	<input type="checkbox"/>	<input type="checkbox"/>
WLAN2-VA1	<input type="checkbox"/>	<input type="checkbox"/>
WLAN2-VA2	<input type="checkbox"/>	<input type="checkbox"/>
WLAN2-VA3	<input type="checkbox"/>	<input type="checkbox"/>
WLAN2-VA4	<input type="checkbox"/>	<input type="checkbox"/>
WLAN2-VXD	<input type="checkbox"/>	<input type="checkbox"/>

Save Save & Apply Reset

Current VLAN Table:

VLAN ID	Forwarding Rule	Tagged Ports	Untagged Ports	Select

Delete Selected Delete All Reset

Change PVID Setting

Port	Default VID
LAN1	9
LAN2	9
LAN3	9
LAN4	9
WAN	8
WLAN1	9
WLAN1-VA1	9
WLAN1-VA2	9
WLAN1-VA3	9
WLAN1-VA4	9
WLAN1-VXD	9
WLAN2	9
WLAN2-VA1	9
WLAN2-VA2	9
WLAN2-VA3	9
WLAN2-VA4	9

12.8 Routing Setup

This page is used to setup dynamic routing protocol or edit static route entry.

12.9 QoS

Entries in this table improve your online gaming experience by ensuring that your game traffic is prioritized over other network traffic, such as FTP or Web.

13.Management

13.1 Access Point Status

This page shows the current status and some basic settings of the device.

The screenshot displays the management interface for a rock space AC1200 gigabit router. The top navigation bar includes tabs for WLAN Access Point, SETUP, WLAN5G, WLAN2.4G, NETWORK, IPV6, FIREWALL, and MANAGEMENT. The left sidebar contains menu items: STATUS, STATISTICS, DDNS, TIME ZONE SETTINGS, DOS SETTINGS, TR-069 CONFIG, SYSTEM LOG, DIAGNOSTICS, UPGRADE FIRMWARE, SAVE/RELOAD SETTINGS, REBOOT DEVICE, PASSWORD, and LOGOUT. The main content area is titled "Access Point Status" and contains the following information:

This page shows the current status and some basic settings of the device.

System	
Model	RSD0611
Uptime	0day:0h:50m:52s
Firmware Version:	635.134.1.418 (v3.4.11E)
Build Time	Thu Nov 7 18:03:31 CST 2019

Wireless 1 Configuration	
Wireless Combo Mode	AP
Band	5 GHz (A+N+AC)
SSID	rock space-AC1200 5G
Channel Number	44
Encryption	WPA2 Mixed
BSSID	04:5f:a7:bc:94:ec
Associated Clients	0

Wireless 2 Configuration	
Wireless Combo Mode	AP
Band	2.4 GHz (B+G+N)
SSID	rock space-AC1200 2.4G
Channel Number	11
Encryption	WPA2 Mixed
BSSID	04:5f:a7:bc:94:ed
Associated Clients	1

TCP/IP Configuration	
Attain IP Protocol	Fixed IP
IP Address	192.168.1.1
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
DHCP Server	Enabled
MAC Address	04:5f:a7:bc:94:ea

WAN Configuration	
Attain IP Protocol	DHCP
IP Address	172.16.39.20
Subnet Mask	255.255.255.0
Default Gateway	172.16.39.1
MAC Address	04:5f:a7:bc:94:eb

LAN IPv6 Configuration	
Global Address	
LL Address	fe80000000000000065fa7ffebc94ea/64
Default Gateway	fe80000000000000065fa7ffebc94ea/64
MAC Address	04:5f:a7:bc:94:ea

WAN IPv6 Configuration	
Link Type	IP link
Connection Type	DHCPv6
Global Address	
LL Address	fe80000000000000065fa7ffebc94eb/64
Default Gateway	
DNS server	00000000000000000000000000000000
MAC Address	04:5f:a7:bc:94:eb

13.2 Statistics

This page shows the packet counters for transmission and reception pertaining to wireless and Ethernet networks.

rock space AC1200 gigabit router

WLAN Access Point | SETUP | WLAN5G | WLAN2.4G | NETWORK | IPV6 | FIREWALL | MANAGEMENT

STATUS

STATISTICS

DDNS

TIME ZONE SETTINGS

DOS SETTINGS

TR-069 CONFIG

SYSTEM LOG

DIAGNOSTICS

UPGRADE FIRMWARE

SAVE/RELOAD SETTINGS

REBOOT DEVICE

PASSWORD

LOGOUT

Statistics

This page shows the packet counters for transmission and reception pertaining to wireless and Ethernet networks.

Wireless1	Sent Packets	2118
	Received Packets	0
Wireless2	Sent Packets	483326
	Received Packets	110283
Ethernet LAN	Sent Packets	0
	Received Packets	0
Ethernet WAN	Sent Packets	101626
	Received Packets	472543

Refresh

13.3 Dynamic DNS Setting

Dynamic DNS is a service that provides you with a valid, unchanging, internet domain name (an URL) to go with a (possibly changing) IP-address.

rock space AC1200 gigabit router

WLAN Access Point | SETUP | WLAN5G | WLAN2.4G | NETWORK | IPV6 | FIREWALL | MANAGEMENT

STATUS

STATISTICS

DDNS

TIME ZONE SETTINGS

DOS SETTINGS

TR-069 CONFIG

SYSTEM LOG

DIAGNOSTICS

UPGRADE FIRMWARE

SAVE/RELOAD SETTINGS

REBOOT DEVICE

PASSWORD

LOGOUT

Dynamic DNS Setting

Dynamic DNS is a service that provides you with a valid, unchanging, internet domain name (an URL) to go with a (possibly changing) IP-address.

Enable DDNS

Service Provider:

Domain Name:

User Name/Email:

Password/Key:

Save | Save & Apply | Reset

13.4 Time Zone Setting

You can maintain the system time by synchronizing with a public time server over the Internet.

rock space AC1200 gigabit router

WLAN Access Point | SETUP | WLAN5G | WLAN2.4G | NETWORK | IPV6 | FIREWALL | MANAGEMENT

STATUS
STATISTICS
DDNS
TIME ZONE SETTINGS
DOS SETTINGS
TR-069 CONFIG
SYSTEM LOG
DIAGNOSTICS
UPGRADE FIRMWARE
SAVE/RELOAD SETTINGS
REBOOT DEVICE
PASSWORD
LOGOUT

Time Zone Setting

You can maintain the system time by synchronizing with a public time server over the Internet.

Current Time: Yr 2019 Mon 11 Day 7 Hr 18 Mn 55 Sec 45 Copy Computer Time

Time Zone Select: [(GMT-08:00)Pacific Time (US & Canada); Tijuana]

Automatically Adjust for Daylight Saving

Enable NTP client Update

NTP server: 131.188.3.220 - Europe 0.0.0.0 (Servidor NTP Manual)

Save Save & Apply Reset Refresh

13.5 Denial of Service

A "denial-of-service" (DoS) attack is characterized by an explicit attempt by hackers to prevent legitimate users of a service from using that service.

rock space AC1200 gigabit router

WLAN Access Point | SETUP | WLAN5G | WLAN2.4G | NETWORK | IPV6 | FIREWALL | MANAGEMENT

STATUS
STATISTICS
DDNS
TIME ZONE SETTINGS
DOS SETTINGS
TR-069 CONFIG
SYSTEM LOG
DIAGNOSTICS
UPGRADE FIRMWARE
SAVE/RELOAD SETTINGS
REBOOT DEVICE
PASSWORD
LOGOUT

Denial of Service

A "denial-of-service" (DoS) attack is characterized by an explicit attempt by hackers to prevent legitimate users of a service from using that service.

Enable DoS Prevention

- Whole System Flood: SYN Packets/Second
- Whole System Flood: FIN Packets/Second
- Whole System Flood: UDP Packets/Second
- Whole System Flood: ICMP Packets/Second
- Per-Source IP Flood: SYN Packets/Second
- Per-Source IP Flood: FIN Packets/Second
- Per-Source IP Flood: UDP Packets/Second
- Per-Source IP Flood: ICMP Packets/Second
- TCP/UDP PortScan Sensitivity
- ICMP Smurf
- IP Land
- IP Spoof
- IP TearDrop
- PingOfDeath
- TCP Scan
- TCP SynWithData
- UDP Bomb
- UDP EchoChargen

Select ALL Clear ALL

Enable Source IP Blocking Block time (sec)

Apply Changes

13.6 TR-069 Configuration

This page is used to configure the TR-069 CPE. Here you may change the setting for the ACS's parameters.

The screenshot shows the Rock Space AC1200 gigabit router web interface. The top navigation bar includes 'Realtek', 'SETUP', 'WLAN5G', 'WLAN2.4G', 'NETWORK', 'IPV6', 'FIREWALL', and 'MANAGEMENT'. The left sidebar contains menu items: STATUS, STATISTICS, DDNS, TIME ZONE SETTINGS, DOS SETTINGS, TR-069 CONFIG (highlighted), SYSTEM LOG, DIAGNOSTICS, UPGRADE FIRMWARE, SAVE/RELOAD SETTINGS, REBOOT DEVICE, PASSWORD, and LOGOUT. The main content area is titled 'TR-069 Configuration' and contains the following settings:

- TR069: Disabled Enabled
- ACS: URL:
- User Name:
- Password:
- Periodic Inform Enable: Disabled Enabled
- Periodic Inform Interval:
- Connection Request: User Name:
- Password:
- Path:
- Port:

Buttons at the bottom: Save, Save & Apply, Undo.

13.7 System Log

This page can be used to set a remote log server and view the system log.

The screenshot shows the Rock Space AC1200 gigabit router web interface. The top navigation bar includes 'WLAN Access Point', 'SETUP', 'WLAN5G', 'WLAN2.4G', 'NETWORK', 'IPV6', 'FIREWALL', and 'MANAGEMENT'. The left sidebar contains menu items: STATUS, STATISTICS, DDNS, TIME ZONE SETTINGS, DOS SETTINGS, TR-069 CONFIG, SYSTEM LOG (highlighted), DIAGNOSTICS, UPGRADE FIRMWARE, SAVE/RELOAD SETTINGS, REBOOT DEVICE, PASSWORD, and LOGOUT. The main content area is titled 'System Log' and contains the following settings:

- Enable Log:
- System All: Wireless: DoS:
- Enable Remote Log: Log Server IP Address:

Buttons: Apply Changes, Refresh, Clear.

13.8 Diagnostics

This page can be used to run target system command.

rock space AC1200 gigabit router

Realtek	SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREWALL	MANAGEMENT
STATUS	Diagnostics						
STATISTICS	This page can be used to run target system command.						
DDNS	Diagnostic Command: PING						
TIME ZONE SETTINGS	Number: <input type="text"/>						
DOS SETTINGS	Host (Domain): <input type="text"/> <input type="button" value="Apply"/>						
TR-069 CONFIG	Diagnostic Results:						
SYSTEM LOG	<div style="border: 1px solid gray; height: 100px;"></div>						
DIAGNOSTICS	<input type="button" value="Refresh"/> <input type="button" value="Clear"/>						
UPGRADE FIRMWARE							
SAVE/RELOAD SETTINGS							
REBOOT DEVICE							
PASSWORD							
LOGOUT							

13.9 Upgrade Firmware

This page allows you to upgrade the Access Point firmware to the latest version. Please note, do not power off the device during the upload as it may crash the system.

rock space AC1200 gigabit router

Realtek	SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREWALL	MANAGEMENT
STATUS	Upgrade Firmware						
STATISTICS	This page allows you to upgrade the Access Point firmware to the latest version. Please note, do not power off the device during the upload as it may crash the system.						
DDNS	Firmware Version: 635.134.1.418.201911071756						
TIME ZONE SETTINGS	Select File: <input type="text"/> <input type="button" value="浏览..."/>						
DOS SETTINGS	<input type="button" value="Upload"/> <input type="button" value="Reset"/>						
TR-069 CONFIG							
SYSTEM LOG							
DIAGNOSTICS							
UPGRADE FIRMWARE							
SAVE/RELOAD SETTINGS							
REBOOT DEVICE							
PASSWORD							
LOGOUT							

13.10 Save/Reload Settings

This page allows you to save current settings to a file or reload the settings from a file that was saved previously. You can also reset the current configuration to factory defaults.

rock space Ac1200 gigabit router

WLAN Access Point	SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREWALL	MANAGEMENT
STATUS	Save/Reload Settings						
STATISTICS	This page allows you to save current settings to a file or reload the settings from a file that was saved previously. You can also reset the current configuration to factory defaults.						
DDNS	Save Settings to File: <input type="text"/> Save...						
TIME ZONE SETTINGS	Load Settings from File: <input type="text"/> 浏览... Upload						
DOS SETTINGS	Reset Settings to Default: <input type="button" value="Reset"/>						
TR-069 CONFIG							
SYSTEM LOG							
DIAGNOSTICS							
UPGRADE FIRMWARE							
SAVE/RELOAD SETTINGS							
REBOOT DEVICE							
PASSWORD							
LOGOUT							

13.11 Reboot Device

rock space Ac1200 gigabit router

Realtek	SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREWALL	MANAGEMENT
STATUS	Reboot Device						
STATISTICS	<input type="button" value="Reboot"/>						
DDNS							
TIME ZONE SETTINGS							
DOS SETTINGS							
TR-069 CONFIG							
SYSTEM LOG							
DIAGNOSTICS							
UPGRADE FIRMWARE							
SAVE/RELOAD SETTINGS							
REBOOT DEVICE							
PASSWORD							
LOGOUT							

13.12 Logout

This page is used to logout.

Realtek	SETUP	WLAN5G	WLAN2.4G	NETWORK	IPV6	FIREWALL	MANAGEMENT
STATUS	<h2>Logout</h2> <p>This page is used to logout.</p> <hr/> <p>Do you want to logout ?</p> <p><input type="button" value="Apply Changes"/></p>						
STATISTICS							
DDNS							
TIME ZONE SETTINGS							
DOS SETTINGS							
TR-069 CONFIG							
SYSTEM LOG							
DIAGNOSTICS							
UPGRADE FIRMWARE							
SAVE/RELOAD SETTINGS							
REBOOT DEVICE							
PASSWORD							
LOGOUT							