






## **Product Guide**

Residential Gateway RG31

## Safety Instructions

1. This equipment is an electrical appliance which requires to be plugged into the supplied power adapter.
2. **WARNING:** To reduce the risk of fire or electric shock, do not expose this device to rain or moisture. Users are also advised to avoid exposing it to water drips or splashes, and that objects filled with water such as vases shouldn't be placed on or anywhere near the device.
3.  Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes, and users are encouraged to recycle it responsibly to promote sustainable reuse of materials.
4. Users are advised that devices marked with this symbol “⚡” may be of sufficient magnitude to constitute a risk of electric shock and if self-installation is performed, to take due precautions by using ready-made cords.
5. 

CAUTION !
DO NOT OPEN

 This lightning flash symbol is intended to alert the user to the presence of non-insulated “dangerous voltage” within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock. Users are advised NOT TO REMOVE THE COVER at all times. If servicing is required, it needs to be operated by qualified personnel.
6. Users are advised to ONLY USE the AC adapter, which is included in the product package, as any other adapter may cause damage to the device. Such damage is not covered under warranty.

## Product Specification

Item	Specification
Product Model	RG31
WAN Interface	1 x RJ45 2.5Gigabit Ethernet Port
LAN Interface	1 x RJ45 Gigabit Ethernet Port 1 x RJ45 2.5Gigabit Ethernet Port
USB Interface	1 x USB3.0 for WAN Backup Only
Wi-Fi Standard	2.4GHz: IEEE 802.11b/g/n/ax/be 5GHz: IEEE 802.11a/n/ac/ax/be
Band	2.4GHz and 5GHz Dual-band concurrent
MIMO	2.4GHz: 2x2 MIMO 5GHz: 2x2 MU-MIMO
Data Rate (maximum)	2.4GHz: 300Mbps(11n@40MHz) 574Mbps(11ax@40MHz) 688Mbps(11be@40MHz) 5GHz: 867Mbps(11ac@80MHz) 1201Mbps(11ax@80MHz) 1441Mbps(11be@80MHz) 2402Mbps(11ax@160MHz) 2882Mbps(11be@160MHz)
Antennas	2.4Ghz: 2 x 3dBi internal antennas 5Ghz: 2 x 5dBi internal antennas
<b>Wi-Fi Mesh</b>	
Wi-Fi Mesh Standard	Wi-Fi Alliance EasyMesh R5
Capacity	Maximum 6 Nodes (1 controller + 5 agents)
Backhaul Type	Wired or Wireless auto-redundancy
<b>Environment</b>	
Rated Power Input	12VDC/2A
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20°C ~ 65°C (-4°F ~ 149°F)
Operating Humidity	0% ~ 95% non-condensing

## Hazardous Substances Table

Part Name	Hazardous Substances or element					
	Pb	Hg	Cd	CR(VI)	PBB	PBDE
Cabinet assembly	○	○	○	○	○	○
Cable assembly	○	○	○	○	○	○
Power /Adapter	×	○	○	○	○	○
Plastic and polymer	○	○	○	○	○	○
Metal part	○	○	○	○	○	○

- : Indicates that content of toxic and hazardous substance in all homogeneous material is less than the specified limit by Directive 2011/65/EU (RoHS)
- ×: Indicates that content of toxic and hazardous substance in all homogeneous material is higher than the specified limit by Directive 2011/65/EU (RoHS)

This table shows the toxic and hazardous substance in the manufacture of this device, hazardous substance information is based on information from suppliers as well as internal inspection. In some components, hazardous substances cannot be replaced with current technologies, however we are constantly endeavouring to improve the quality of the product.

### Astro Care:

*Have questions? We've got your back.*

*Get in touch with our Astro Care. Call us - +603 9543 1543.*

For more information regarding the device, please visit this website <https://products.astro.com.my/getstarted/astro-fibre> or scan this QR code below.

