

 boptix

DATASHEET

Wi-Fi router

**AX3000**

BO-RT622-G31



2.4/5 GHz  
574/2402 Mbps



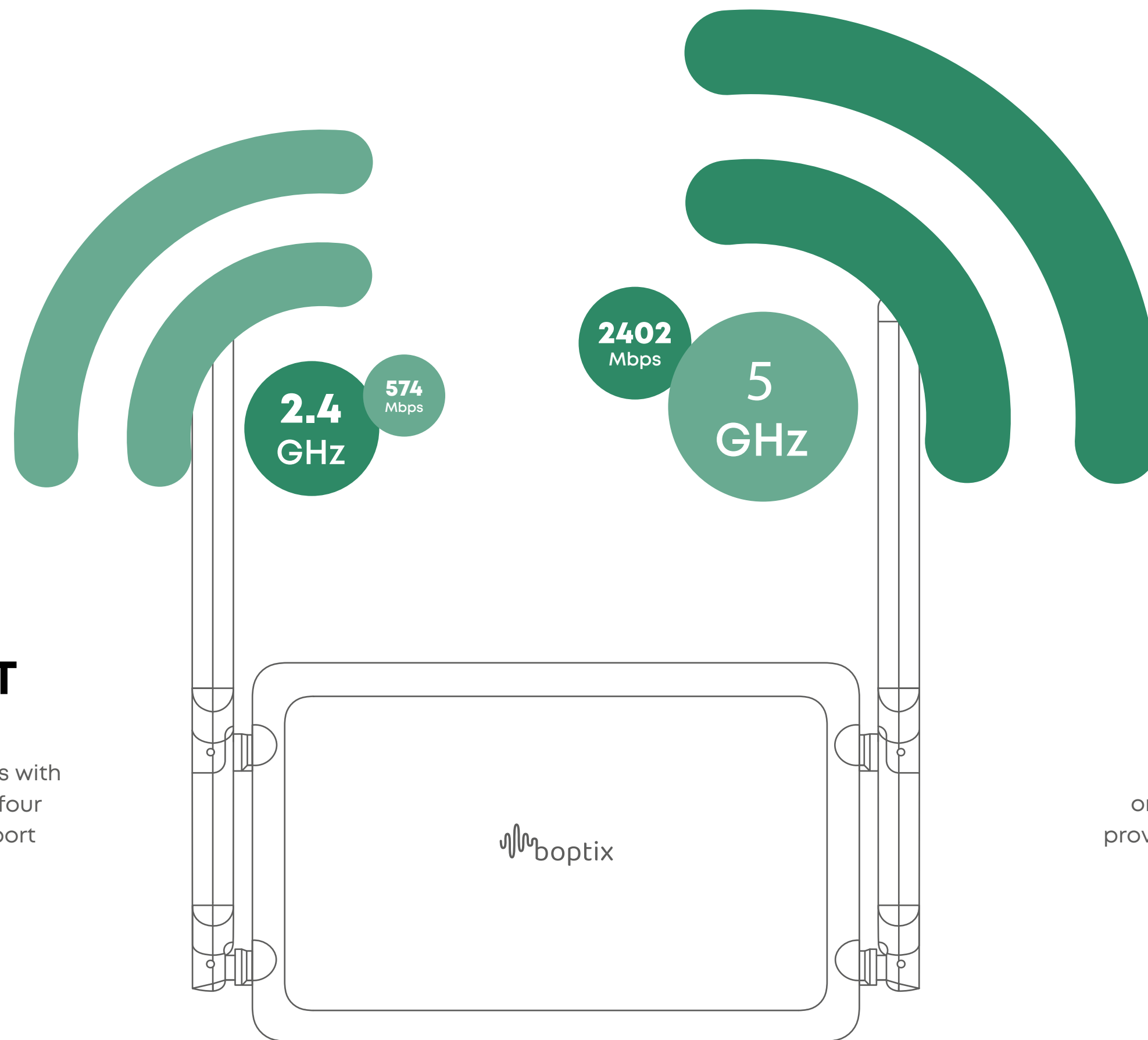
802.11ax



OFDMA  
Technology



Mesh



## ABOUT THE PRODUCT

A low-cost gigabit router of the AX3000 class with Wi-Fi 6 support. The router is equipped with four external antennas. WAN and LAN ports support speeds up to 1000 Mbps.

External omnidirectional antennas provide wide coverage area



## PECULIARITIES

### SUPPORT WI-FI 6

Wi-Fi 6 offers potentially faster connection speeds. On these networks, a large number of users can connect at the same time without delay or loss of speed.

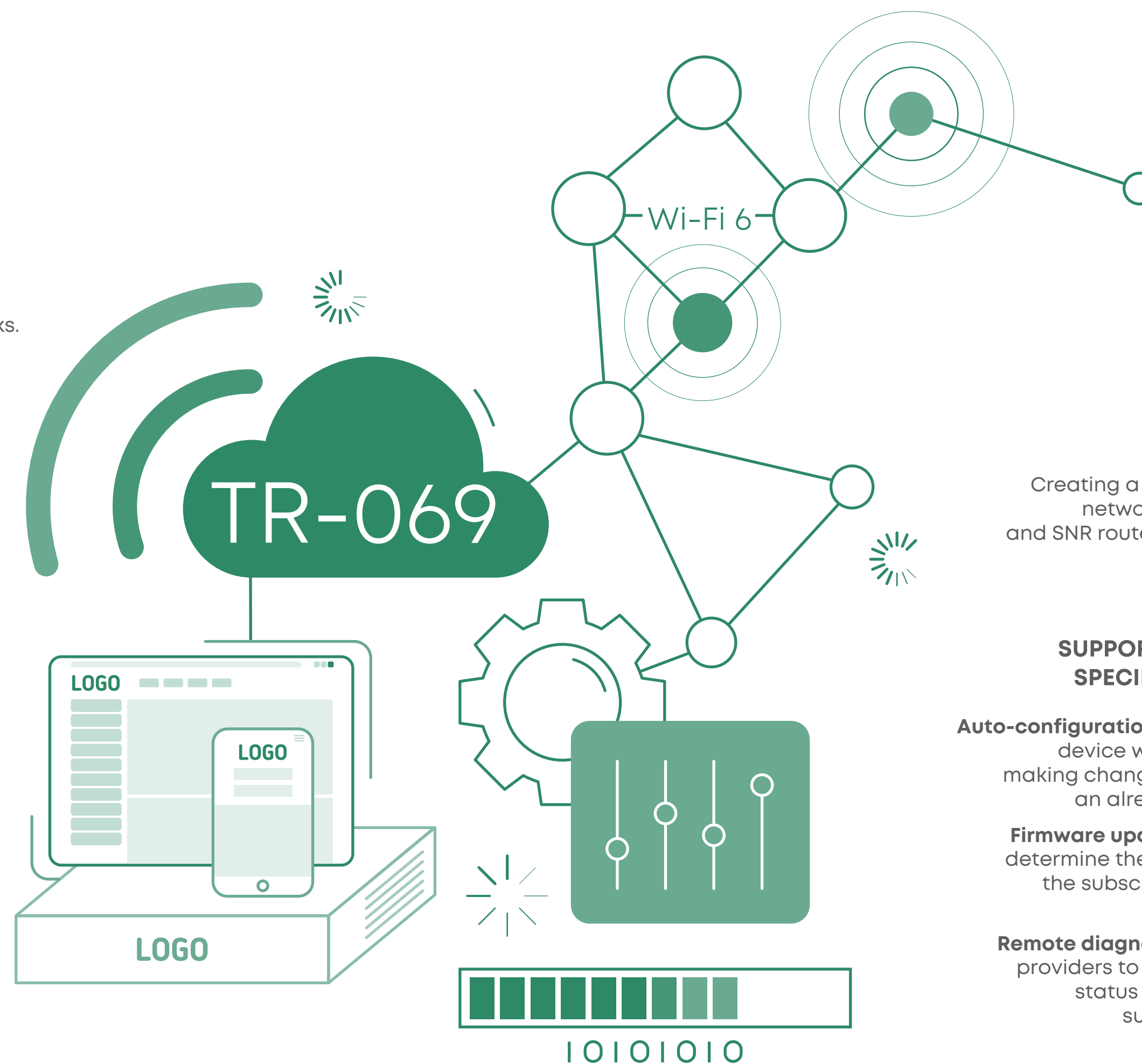
### INDIVIDUAL APPROACH

**Branded packaging design** when ordering from 5000 pcs.

**Placement of the customer's logo and customization** of the router's WEB interface.

**Regular updates** of the customized version of the software in parallel with the main branch.

**Version control and whitelists** of available software when updating via the WEB interface.



### MESH SUPPORT

Creating a single and seamless network of multiple BOptix and SNR routers using 802.11 k/v/r roaming protocols.

### SUPPORT FOR THE TR-069 SPECIFICATION (CWMP)

**Auto-configuration.** Initial setup of the device when it is loaded and making changes to the settings of an already working device.

**Firmware update.** TR-069 helps to determine the firmware version of the subscriber equipment and update its firmware.

**Remote diagnostics.** TR-069 allows providers to monitor the network status and performance of subscriber equipment.



# TECHNICAL SPECIFICATION

## HARDWARE PART

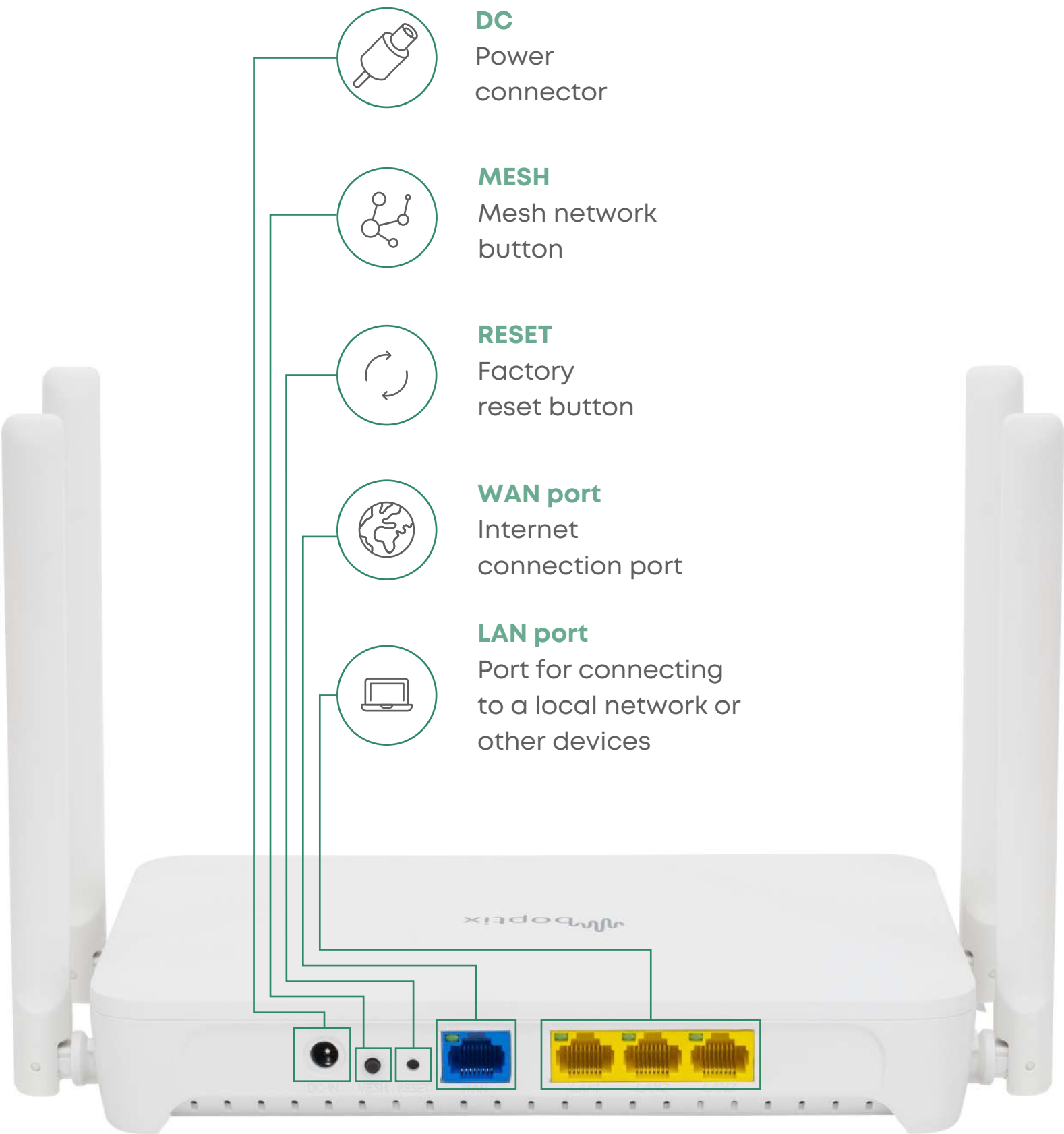
- Ethernet interfaces: 1 WAN port 10/100/1000 Mbit/s(RJ45),  
3 LAN ports 10/100/1000 Mbit/s (RJ45)
- Buttons: Reset, Mesh
- Antennas: 4x5 dBi, omnidirectional
- Volume RAM: 256 Mb
- Volume Flash: 128 Mb

## WIRELESS PART

- Wireless interface: IEEE 802.11ax/ac/n/a 5 GHz,  
IEEE 802.11ax/n/b/g 2.4 GHz
- EIRP: CE: <20dBm(2.4 GHz), <23dBm(5.15 GHz~5.25 GHz),  
FCC:<30dBm(2.4 GHz & 5.15 GHz~5.825 GHz)
- Type of modulation: OFDM/CCK/16-QAM/64-QAM/256-QAM/1024-QAM

## OTHER

- Certifcations: CE, RoHS, EAC
- Sizes: 252x260, 4x41,3 mm
- Gross weight: 625,1 g
- Net weight: 335 g
- Power supply: Input: 100-240BAC/50-60Hz, output: 12BDC, 1A
- Operating temperature: 0°C~40°C
- Storage temperature: -40°C~70°C
- Relative humidity: 10% ~ 90%, non-condensing
- Storage humidity: 5%~95%, non-condensing





## SOFTWARE

SNR AX2 comes with new **EasyWRT** software

### EasyWRT features:

- The functions of remote control of CPE by the telecom operator using the TR-O69 (CWMP) protocol are being actively improved and expanded; we are introducing new branches for convenient interaction between the telecom operator and the equipment fleet;
- Diagnostic tools for quickly finding and troubleshooting problems;
- Possibility of setting up seamless roaming in a Mesh network using 802.11k/r/v protocols;
- In BO-RT622-G31, software recovery via TFTP is replaced by recovery via a WEB interface.







## CONTENT BOX

1. Wi-Fi router;
2. Power supply;
3. RJ45 patch cord 1m;
4. User manual.



# COMPARATIVE TABLE OF BRANDS

		
Cost	Budget price segment	Medium price segment
Software	Basic ISP and user functionality	Advanced user features, basic ISP functionality
Hardware	The manufacturer determines the set of components for each model	
Target audience	ISPs, integrators	Retail, integrators, ISPs