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intelbras GX 1001 LT 5G WiFi 6 Router

intelbras GX 1001 LT 5G WiFi 6 Router Installation Guide

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5G Wi-Fi 6 Router

Congratulations, you have just purchased a product with Intelbras quality and safety. The GX 1001 LT features 5G mobile technology and also high-performance 802.11ax technology, for applications in residential and corporate environments. Visit our YouTube channel to check the settings step by step: **youtube.com/intelbrasbr**

ATTENTION: this product comes with a factory default password. For your security, it is essential that you change it as soon as you install the product and ask your technician about the passwords configured, which users have access and recovery methods.

Data protection and security

Observe local laws regarding data protection and use and regulations that prevail in the country. The objective of data protection legislation is to prevent infringements of individual privacy rights based on the misuse of personal data.

Personal data processing

- This system uses and processes personal data such as passwords, detailed call records, network addresses and customer data records, for example.

Guidelines that apply to Intelbras employees

- Intelbras employees are subject to secure trade practices and data confidentiality under the terms of the company's work procedures.
- It is imperative that the following rules are observed to ensure that statutory provisions relating to services (whether in-house services or remote administration and maintenance) are strictly followed. This preserves the

client's interests and offers additional personal protection.

Guidelines controlling data processing

- Ensure that only authorized people have access to customer data.
- Use the password assignment facilities, without allowing any exceptions. Never give passwords to unauthorized people.
- Ensure that no unauthorized person is able to process (store, alter, transmit, disable or delete) or use customer data.
- Prevent unauthorized persons from accessing data media, for example, backup disks or protocol printouts.
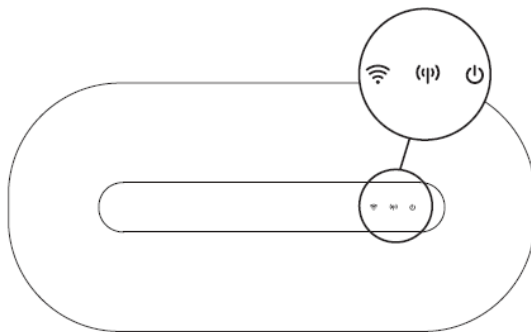
Misuse and hacking

- Passwords for accessing product information allow you to access and change any facility, such as external access to the company's system to obtain data and make calls. Therefore, it is extremely important that passwords are only made available to those who have authorization for use, under the risk of misuse.
- The product has security settings that can be enabled, and which will be covered in this manual, however, it is essential that the user guarantees the security of the network on which the product is installed, given that the manufacturer is not responsible for the invasion of the product via hacker and cracker attacks.

Product

Top view
The top of the GX 1001 LT has an LED that informs the product's operating status.

LED Power Description

- White on steady
- Connected product
- Flashing yellow
- Updating or restoring factory defaults
- Red on steady
- Defective product or SIM card

LED Status

- **LED Wi-Fi Description**

- Fixed white Wi-Fi working
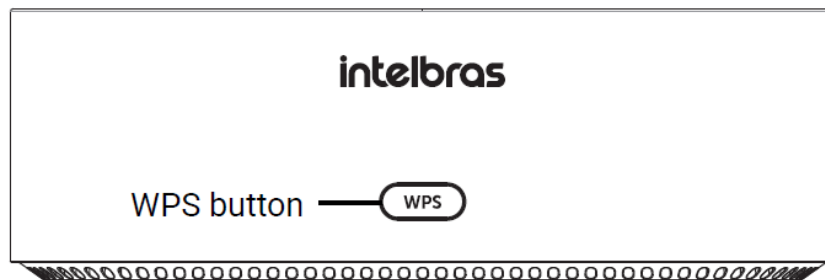- Rapidly flashing white Updating
- White flashing slowly Activating WPS
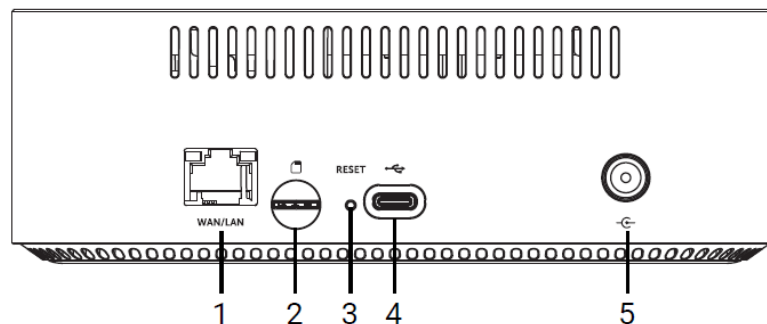
LED Status

LED 4G-5G Description

- White on steady Working on 5G via SA/NSA/DSS
- Flashing white Registered in 5G
- Blue on steady Working on 4G
- Flashing blue Registered in 4G
- Flashing red No signal available, searching for signal or no SIM card

Front view

The front of the GX 1001 LT has a WPS button.

Rear view

The rear of the GX 1001 LT has the following connections.

Item Description

1. WAN/LAN connection
2. SIM card connector
3. reset button
4. USB-C connector
5. Power Connector

Installation

Network requirements
For the GX 1001 LT to obtain an IP address, as well as for users who connect to the router to browse the internet, you must:

- Connect a SIM card to the GX 1001 LT; or
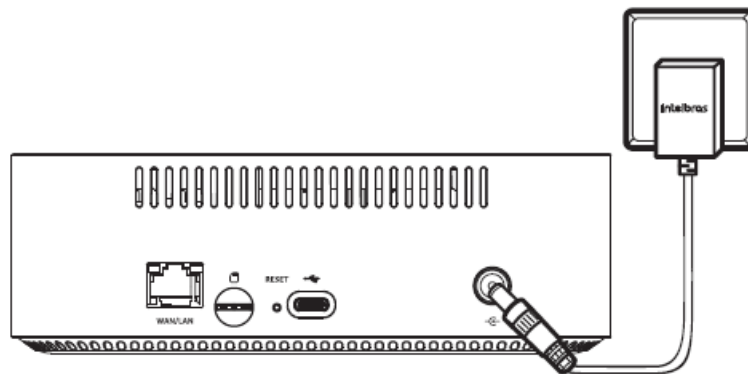- Connect a DHCP server via cable to the WAN/LAN port of the GX 1001 LT.

  Note: » WAN/LAN port: maximum speed up to 500 Mbps1.
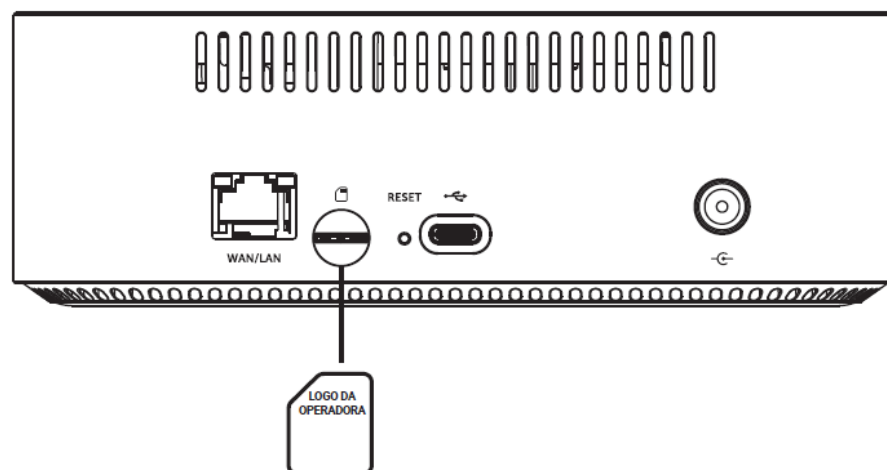- USB-C LAN port: maximum speed 360 Mbps1.

1. The Ethernet interface and USB-C interface will not work together, the user must choose between USB-C or Ethernet.

Connection

1. Connect the power supply to the GX 1001 LT and the electrical power;
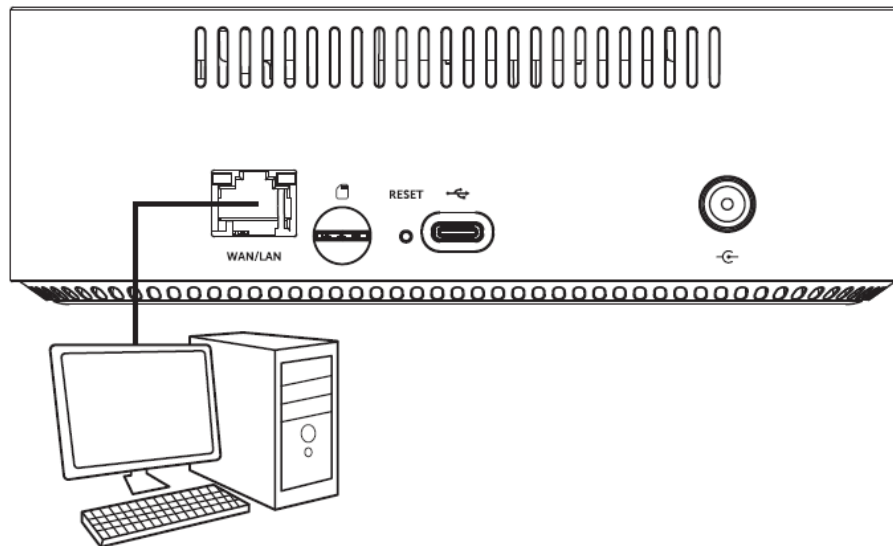

2. Insert a SIM card into the connector on the back of the GX 1001 LT.

   Note: to access the internet, you can also connect a network cable to the WAN/LAN port of the GX 1001 LT and the other end of the network cable to the internet modem or DHCP server.
3. Connect one end of a network cable to the WAN/LAN port on the GX 1001 LT, and the other end to the ethernet connection on your computer or notebook.
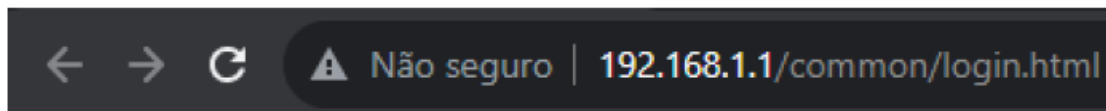
Note: you can also connect to the GX 1001 LT via the Wi-Fi network to configure the device. Wi-Fi network information is on the label underneath the product.

Settings

The GX 1001 LT can be used in its factory default configuration, however, it is recommended to configure some security parameters. To do this, you must access the equipment management interface.
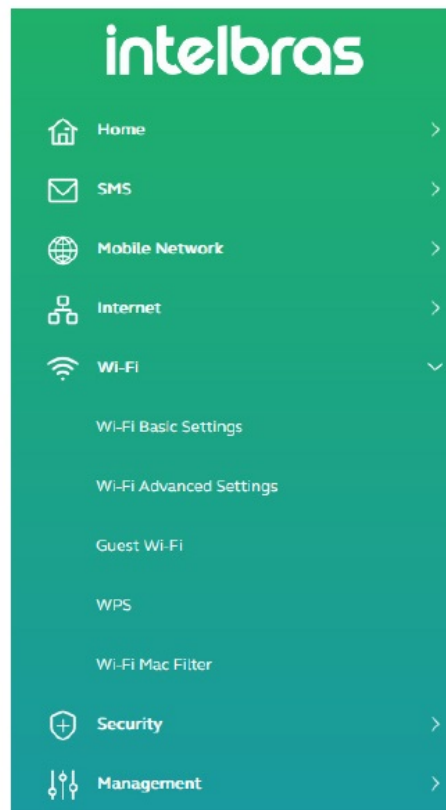
Basic configuration
Open your internet browser and access **http://192.168.1.1**

The login screen will be displayed, as shown in the image below. On this screen you will be asked for your login and password. The login and password information is on the label underneath the product.

After logging in, the menu will be displayed on the left. Click Wi-Fi > Basic Settings.

The basic Wi-Fi configuration screen will open.

In the SSID field, you will enter a new name for your Wi-Fi network. In the Password field, you will enter a new password for your Wi-Fi network. It is worth noting that the password must have at least 8 characters. To view the password before saving the configuration, click the icon . To save the changes, simply click the apply button.

Advanced Settings
For advanced configurations, consult the installation manual, available on our website: **www.intelbras.com.br**.

Reset (factory default)

There are two ways to reset settings:

- **Reset**: press and hold the Reset button located on the back of the product for approximately 10 seconds. Release the button and wait for the GX 1001 LT to restart.
- Select Factory Default in the product web interface, in the Management > Reset and Reset > Reset option.
  Note: do not turn off the equipment during the restart process.

FCC Regulations

FCC ID:2A76R-GX1001LT
This device complies with part 15 of the FCC Rules.

The operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause improper operation.

Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment. 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/relocate the receiving antenna.
- Increase separation between 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.

RF Exposure Information
This device meets government requirements regarding exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the U.S. Government Federal Communications Commission. This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. To avoid the possibility of exceeding FCC radio frequency exposure limits, human proximity to the antenna should not be less than 20 cm during normal operation.

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

Warranty term

It is expressly stated that this contractual guarantee is granted subject to the following conditions:

- Client's name:
- Client's signature:

- Invoice number:
- Date of purchase:
- Model:
- Serial number:
- Retailer

1. All parts, pieces and components of the product are guaranteed against any manufacturing defects that may occur, for a period of 1 (one) year – this period being 3 (three) months of legal warranty plus 9 (nine) months contractual guarantee –, counted from the date of purchase of the product by the Consumer, as stated on the product purchase invoice, which is an integral part of this Term throughout the national territory. This contractual warranty includes the free exchange of parts, pieces and components that show manufacturing defects, including the costs of labor used in this repair. If no manufacturing defect is found, but rather defect(s) arising from inappropriate use, the Consumer will bear these expenses.

2. Product installation must be carried out in accordance with the Product Manual and/or Installation Guide. If your product requires installation and configuration by a qualified technician, look for a suitable and specialized professional, as the costs of these services are not included in the value of the product.

3. Once the defect is detected, the Consumer must immediately contact the nearest Authorized Service listed on the list offered by the manufacturer – only these are authorized to examine and remedy the defect during the warranty period provided here. If this is not respected, this guarantee will lose its validity, as the product will be in violation.

4. In the event that the Consumer requests home assistance, he or she must go to the nearest Authorized Service to consult the technical visit fee. If it is found necessary to remove the product, the resulting expenses, such as transport and security to and from the product, are the responsibility of the Consumer.

5. The warranty will completely lose its validity in the event of any of the following hypotheses: a) if the defect is not manufacturing, but caused by the Consumer or by third parties outside the manufacturer; b) if damage to the product arises from accidents, accidents, acts of nature (lightning, floods, landslides, etc.), humidity, voltage in the electrical network (overvoltage caused by accidents or excessive fluctuations in the network), installation/use in disagreement with the user manual or resulting from natural wear and tear of parts, pieces and components; c) if the product has been influenced by a chemical, electromagnetic, electrical or animal nature (insects, etc.); d) if the product's serial number has been tampered with or erased; e) if the device has been tampered with.

6. This warranty does not cover loss of data, therefore, it is recommended, if applicable to the product, that the Consumer makes a regular backup copy of the data contained in the product.

7. Intelbras is not responsible for the installation of this product, nor for any attempts at fraud and/or sabotage in its products. Keep the software and applications used up to date, if applicable, as well as the necessary network protections to protect against intrusions (hackers). The equipment is guaranteed against defects within its normal conditions of use, and it is important to be aware that, as it is electronic equipment, it is not free from fraud and scams that could interfere with its correct functioning.

8. After its useful life, the product must be delivered to an authorized Intelbras technical assistance department or directly disposed of in an environmentally appropriate manner, avoiding environmental and health impacts. If you prefer, the battery, as well as other unused Intelbras brand electronics, can be discarded at any Green Eletron collection point (electronic waste manager with which we are associated). If you have any questions about the reverse logistics process, please contact us by telephone (48) 2106-0006 or 0800 704 2767 (Monday

to Friday from 8am to 8pm and Saturdays from 8am to 6pm) or via email -mail **support@intelbras.com.br**. These being the conditions of this complementary Warranty Term, Intelbras S/A reserves the right to change the general, technical and aesthetic characteristics of its products without prior notice. All images in this manual are illustrative.

Documents / Resources

	intelbras GX 1001 LT 5G WiFi 6 Router [pdf] Installation Guide 2A76R-GX1001LT, 2A76RGX1001LT, gx1001lt, GX 1001 LT 5G WiFi 6 Router, GX 1001 LT, GX 1001 LT WiFi 6 Router, 5G WiFi 6 Router, WiFi 6 Router, WiFi 6, 5G Router, Router, WiFi

References

- **intelbras.com**
- **intelbras.com.br**
- **User Manual**