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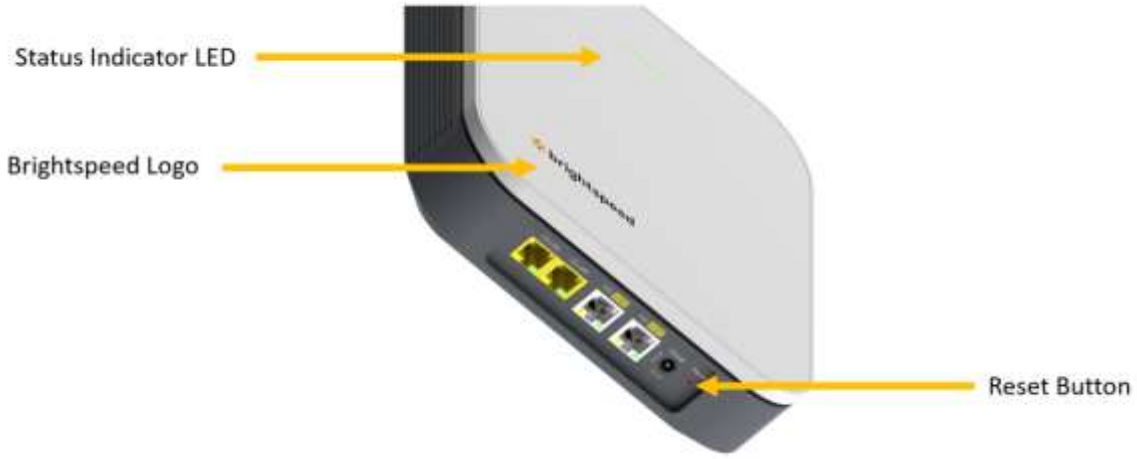
Using your XR1710G Wi-Fi Base Station

Features of the XR1710G

- 1x 10GE WAN
- 1x 10GE LAN
- 2x 1GE LAN
- Wi-Fi 2.4G, Wi-Fi 5G, Wi-Fi 6G
- Works with your XG2010G ONT+Gateway SmartNID
- Self-healing capabilities to identify potential in-home issues and auto-resolve

Diagram of the XR1710G



What's in the box?

- XR1710G (Wi-Fi Base Station)
- External Wall Plug PSU (white)
- WAN Ethernet cable (white)

XR1710G Setup

- If this is the first time installing your XR1710G, a Brightspeed technician will take care of the process by connecting this device to the XG2010G attached to the premise's wall.

Network Connectivity Tips

- The Status Indicator LED of the XR1710G will change colors as the device is booting up, to show its connection status.
- Status Indicator LED color process and guide:

1. Solid **Red:** The XR1710G is performing a hardware boot-up test.
2. Blinking **Red:** If the hardware boot-up test fails, the LED will blink.
3. Solid **Magenta:** The XR1710G is performing a software image boot test. If the software image boot test fails, the LED will remain magenta.
4. Blinking **Green:** The device is booting-up, after hardware and software tests.
5. Blinking **Blue:** Auto-discovery of any the IP interface.
6. Solid **Blue:** The device is ready.
7. Solid **Green: Full Internet Access**
8. Solid **Red:** After the steps 1-6 cycle, the LED will remain solid red if there is any service failure, (authentication, Wi-Fi interface failure, etc.
9. Solid **White**: If your XR1710G is in transparent bridge mode, this LED will remain white.

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Other Technical Specifications

CPU	AN7581GT Processor
WIFI Baseband	MediaTek MT7996AV
Wi-Fi 2.4G RFIC	MediaTek MT7976GN (4x4)
Wi-Fi 5G RFIC	MediaTek MT7977BN (4x4)
Wi-Fi 6G RFIC	MediaTek MT7977AN (4x5)
IoT Radio	N/A
LAN	2x 10GE, 2x 1GE (RJ-45)
NAND Flash	512 MB
DDR4	2GB
Antenna	10 Antennas including
I/O	2x 10GE, 2x 1GE x1 Reset Button, 1x Power port

FCC Interference Statement and Exposure Warning

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

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.

FCC Interference Statement and Exposure Warning

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 24cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Country Code selection feature to be disabled for products marketed to the US/CANADA

FCC regulations restrict the operation of this device to indoor use only.

The operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet.

Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems