SDMC AX1800 Dual Band WiFi6 GPON Terminal Installation Guide

Contents

SDMC

SDMC AX1800 Dual Band WiFi6 GPON Terminal

Product Information

Specifications

- **Model**: NP1835GB
- **Package Content**:
  - NP1835GB x 1
  - Power Adapter x 1
  - Ethernet Cable x 1
  - Quick Installation Guide x 1
- **Ports and Indicators**:
  - WiFi Button
  - AX1800 Dual Band WiFi6 GPON Terminal
  - WPS Button
  - Power Port
  - PON Port
  - GE Port (Optional)
  - ON/OFF Button
  - Reset Button

Product Usage Instructions

1. Hardware Connections

Follow these steps to connect the hardware

1. Connect a fiber optic cable to the PON port.
2. (Optional) Connect a computer to the GE port using the Ethernet cable.
3. Use the included power adapter to connect the power socket to a power outlet.
4. Press the ON/OFF button to turn on the device.

2. WiFi Connection

Using SSID

To connect wirelessly using SSID, follow these steps

1. Use the SSID and Wireless Key on the device label to locate the device's network on your smartphone or notebook.
2. Enter the Wireless Key when prompted to establish a connection.

Using WPS

To connect using WPS, follow these steps

1. Press the WPS button on the device. The WPS indicator will start blinking.
2. Press the WPS button on your client device within the specified time frame.
3. If the WPS method fails, use the SSID and Wireless Key to set up a WiFi connection.

3. Configure on the Web

To configure the device using the web interface, follow these steps

1. Open a web browser on your computer.
2. Enter the IP address, default User Name, and Login Password provided on the device label.
3. Click "Login" to access the device's web page.

4. LED Indicator Explanation

Name	State Description
WIFI	**On**: The device has been turned on. Power Off: The device has not been turned on. Blinking: No optical signal is detected.
LOS	**Off**: Optical signal is detected. **On**: The device has been registered. **Blinking**: Optical signal is detected.
WPS	**Blinking**: Optical signal is detected. **Off**: No optical signal is detected. **On INTERNET**: In Routing mode and WAN connection is up. **Blinking**: Attempt to get an IP address. **Off**: No internet connection or the modem router is operating in Bridge mode. **On**: Wi-Fi has been turned on. **Blinking**: Wi-Fi data is being transmitted. **Off**: Wi-Fi has been shut down.

5. Button Explanation:

Name	Explanation
ON/OFF	Turn on/off the device.
RESET	Hold down for more than 5 seconds and release to restore the factory settings.
WPS	Hold down for 1 second and release to build mesh network. Hold down for 5 seconds and release to use the WPS function to connect the device.
WiFi	Enable/disable wireless network.

Frequently Asked Questions (FAQ):

- **1. What should I do if I can’t connect to the device wirelessly?**

  If you are unable to connect to the device wirelessly, try the following troubleshooting steps
  - Make sure you are within range of the device’s WiFi signal.
  - Check if the SSID and Wireless Key you entered are correct.
  - Restart the device and try connecting again.
  - If the problem persists, refer to the user manual or contact customer support.
- **2. How do I reset the device to its factory settings?**

  To reset the device to its factory settings, follow these steps

  1. Locate the RESET button on the device.
  2. Press and hold the RESET button for more than 5 seconds.
  3. Release the button to restore the factory settings.

- **3. How can I enable/disable the wireless network?**

  To enable or disable the wireless network, use the WiFi button on the device. Press the button to toggle the

wireless network on or off.

- **4. What should I do if I encounter issues during web configuration?**
  If you encounter issues during web configuration, try the following steps
  - Make sure you have entered the correct IP address, User Name, and Login Password.
  - Check your internet connection.
  - Clear your browser cache and cookies.
  - If the problem persists, try accessing the web configuration page from a different browser or device.
- **5. How do I connect multiple devices using WPS?**
  To connect multiple devices using WPS, follow these steps:

  1. Press and hold the WPS button on the device for 5 seconds.
  2. Release the button to enable the WPS function.
  3. Press the WPS button on each client device within the specified time frame.
  4. If the devices are successfully connected, the WPS indicators will show the corresponding status.

- **6. What are the FCC statements regarding this device?**
  This device has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. It generates and uses radio frequency energy and may cause harmful interference if not installed and used in accordance with the provided instructions.
  The device must be installed and operated in accordance with the provided instructions. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons.

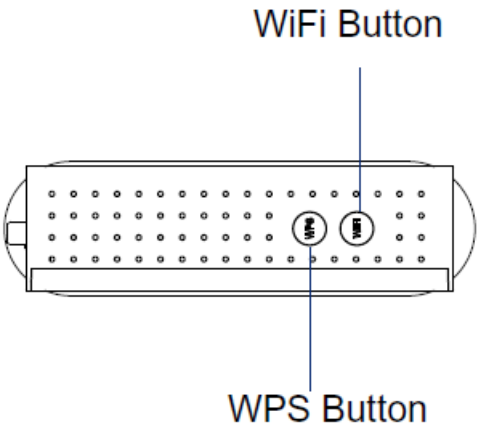
NP1835GB
Quick Installation Guide

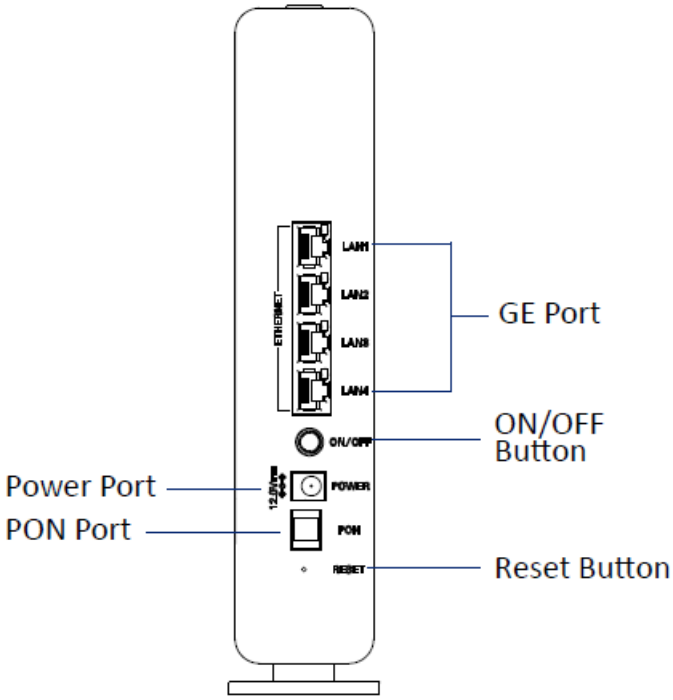
AX1800 Dual Band WiFi6
GPON Terminal

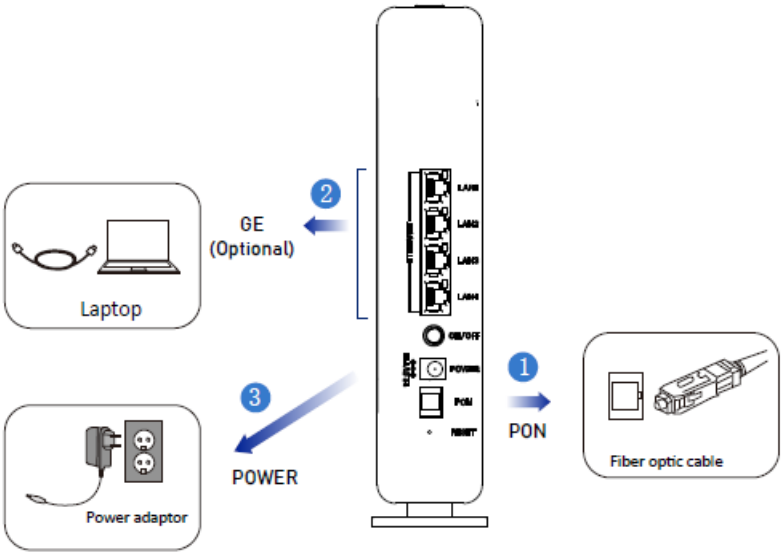
Package Content

- NP1835GB x 1
- Power Adapter x 1
- Ethernet Cable x 1
- Quick Instillation Guide x 1

Ports and indicators







1. **Hardware connections**
    1. Connect a fiber op?c cable to the PON port.
    2. Connect a computer to the GE port using the

Ethernet cable (optional).

3. Use the included power adapter to connect the power socket to a power outlet. Press the ON/OFF button to turn on the device.

2. **WiFi connection**

   Using SSID

   Use the SSID and Wireless Key on the device label to connect wireless to the device. On your smartphone or notebook, find this SSID. Enter the Wireless Key to connect.

   Using WPS

   Press the WPS button on the device and the WPS indicator will blink. Then press the WPS button on the client. If the WPS method fails, use the SSID and wireless key to set up a WiFi connection.

3. **Configure on the web**

   Configure the device on the web page according the information on the device label.

   Open a web browser, enter the IP address, default User Name and Login Password, and then click Login.

LED Indicator Explanation

Name	State	Description
Power	On	The device has been turned on.
	Off	The device has not been turned on.
LOS	Blinking	No optical signal is detected.
	Off	Optical signal is detected.
PON	On	The device has been registered.
	Blinking	Optical signal is detected.
	Off	No optical signal is detected.
INTERNET	On	In Routing mode and WAN connection is up.
	Blinking	Attempt to get an IP address.

	Off	No internet connection or the modem router is operating in Bridge mode.
WIFI	On	Wi-Fi has been turned on.
	Blinking	Wi-Fi data is being transmitted.
	Off	Wi-Fi has been shut down.
WPS	On	The device is successfully connected through WPS function.
	Blinking	The device is being connected through WPS function.
	Off	The WPS function is not enabled, or the device is successfully connected through WPS function.

Button Explanation

Name	Explanation
ON/OFF	Turn on/off the device.
RESET	Hold down for more than 5 seconds and release to restore the factory settings.
WPS	Hold down the WPS button for 1 second and release it to build mesh network.
	Hold down the WPS button for 5 seconds and release it to use the WPS connect the device.
WiFi	Enable/disable wireless network.

FCC Statement

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 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 Radiation Exposure Statement
This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons.

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.

Caution

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

Documents / Resources

	SDMC AX1800 Dual Band WiFi6 GPON Terminal [pdf] Installation Guide AX1800 Dual Band WiFi6 GPON Terminal, AX1800, Dual Band WiFi6 GPON Terminal, WiFi6 GPON Terminal, GPON Terminal

References

- User Manual