NETGEAR®

Quick Start

LTE Modem LM1200

What's in the box

USB power adapter
LM1200 Modem
USB Type C cable
Ethernet cable

Rear panel

External antenna (TS9 ports)

Nano SIM card slot
Reset button
Power (USB Type C port)

Gigabit Ethernet ports
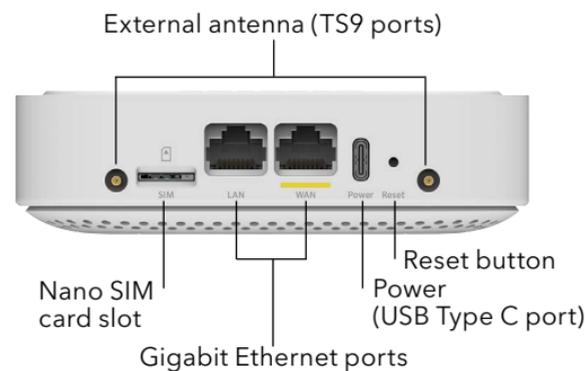
Connect to the LTE network

To obtain an activated SIM card, contact your mobile broadband service provider.

1. Ensure that power to the modem is off.
2. Align the nano SIM card with the notch toward the nano SIM card slot and the chip side facing down.

3. Gently insert the nano SIM card into the nano SIM card slot.

Power on your LM1200 modem

1. Connect the USB cable to the power port on the modem and to the provided power adapter.
2. Plug the power adapter into an indoor power outlet.

   Note: We recommend connecting the USB cable only to the power adapter that came in the package. Connecting the USB cable to a USB port on a computer might not work correctly.

   The Power LED ⏻ lights solid amber and then lights solid green.

   The modem searches for the mobile broadband network available from the nano SIM, which might take several minutes.

3. Check the Signal Strength LED 📶.
   - **Green**: The LTE connection is good.
   - **Amber**: The LTE connection is weak. Try a different location, such as near a window.
   - **Red**: The nano SIM card isn't inserted correctly, or the modem can't automatically connect to the LTE network (see Add and activate a custom APN profile).

Connect the LM1200 LAN port

You can connect a router or a computer (with an Ethernet port) to the LM1200 LAN port. Connecting a WiFi router lets you use WiFi to access the LTE network from a computer or WiFi device.

1. Connect the Ethernet cable to the LM1200 LAN port and the WAN or Internet port on your router.

   The router now uses the LM1200 modem's LTE network as its main (primary) Internet connection.

2. For Internet access, connect your computer or WiFi device to the router.

Regulatory and Legal

Optional: set up WAN failover for a wired modem

With this setup, your wired modem (cable, DSL, or fiber) provides the primary Internet access. If the wired Internet connection isn't working, the LM1200 modem provides a failover Internet connection through the LTE network.

1. Connect the Ethernet cable to the LM1200 LAN port and the WAN or Internet port on your router.
2. Use another Ethernet cable (not included) to connect your wired modem (cable, DSL, or fiber) to the LM1200 WAN port.

3. Log in to the LM1200 modem and enable WAN failover.

   For information about how to set up WAN failover, see the LM1200 user manual.

Manage your LM1200 modem

You can log in to your LM1200 modem to view and change its settings from a computer or a device that is connected to the modem with an Ethernet cable or WiFi.

1. Launch a web browser from the connected computer or device.
2. In the address field of the web browser, enter **http://192.168.5.1**.
3. In the **Sign In** field, enter the default password, and click the **Sign In** button.

   See the modem label for the default password.

Note: While the password that you enter is unique to your modem and is secure, we recommend that you change it to a password that you want to use.

Add and activate a custom APN profile

If the LM1200 modem does not automatically connect to your mobile broadband network, contact your mobile service provider for the APN profile that they require. Then log in to the modem and enter the custom APN profile settings.

1. Launch a web browser from a computer or mobile device that is connected to the modem.
2. In the address field of the web browser, enter **http://192.168.5.1**.

   The limited Dashboard page displays.

3. In the **Sign In** field, enter the password, and click the **Sign In** button.

   See the modem label for the default password.

4. Select **Settings > Network > APN**.

   The APN page displays.

5. Click the **Add** button.

   The New APN section opens on the page.

6. Enter the settings for the new APN profile.

   Use the information that your mobile service provider gave you. If your mobile service provider did not specify some settings, leave the default settings.

7. Click the **Save** button.

   The new APN profile displays on the page, but is not yet the active profile.

8. Select the radio button next to the APN profile that you just added.

   The modem now uses the selected APN profile to establish a connection with your mobile broadband service provider's network.

   If you still cannot get an Internet connection, contact your mobile broadband service provider to verify the information for the APN profile.

LEDs

The LEDs on the LM1200 modem indicate its status and activity.

LED	Description
Power	• **Solid amber**: The modem is starting up. • **Solid green**: The modem is powered on. • **Blinking amber**: Device error.
Ethernet LAN	• **Solid amber**: A device is connecting to this port. • **Green**: A device is connected to this port.
Ethernet WAN	• **Solid amber**: A device is connected to this port. • **Solid green**: Full data connectivity.
Signal Strength	• **Green**: The LTE connection is good. Blinking indicates data traffic. • **Amber**: The LTE connection is weak. Blinking indicates data traffic. • **Red**: The modem can't connect to the LTE network.

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