



Grandstream Networks, Inc.

Wi-Fi 6 Router

GWN7062E – Quick Installation Guide



Overview

The GWN7062E is a secure, high-performance dual-band AX3000 router powered by the latest Wi-Fi 6 (802.11ax) technology. Designed for small offices, home offices, and remote workers, it delivers reliable, high-speed connectivity with support for Mesh networking.

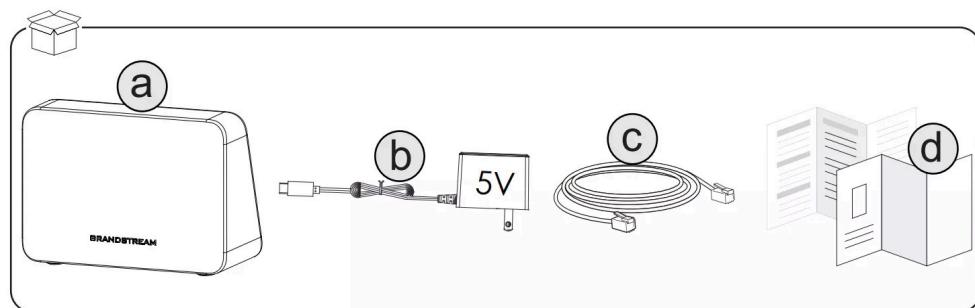
Featuring 2.4GHz 2×2:2 and 5GHz 3×3:2 MU-MIMO with beamforming and XTRA Range technology, the GWN7062E offers extended coverage and network efficiency. Its powerful 1.3GHz dual-core processor enables wireless speeds up to 3Gbps and supports up to 128 concurrent devices—ideal for streaming 4K Ultra HD content, online meetings, video conferencing, gaming, and smart home integration.

The GWN7062E includes built-in VPN support for secure inter-office and remote access, advanced parental controls, and comprehensive security features such as device-specific security certificates and random default passwords. It also supports intelligent QoS and DPI-based traffic statistics to optimize network performance.

For simplified deployment and management, the router offers an embedded controller within its web user interface and is fully compatible with Grandstream's GDMS Networking and GWN Manager platforms.

Package Contents

The following items are included in the GWN7062E package:



GWN7062E Package Contents

a. GWN7062E Router

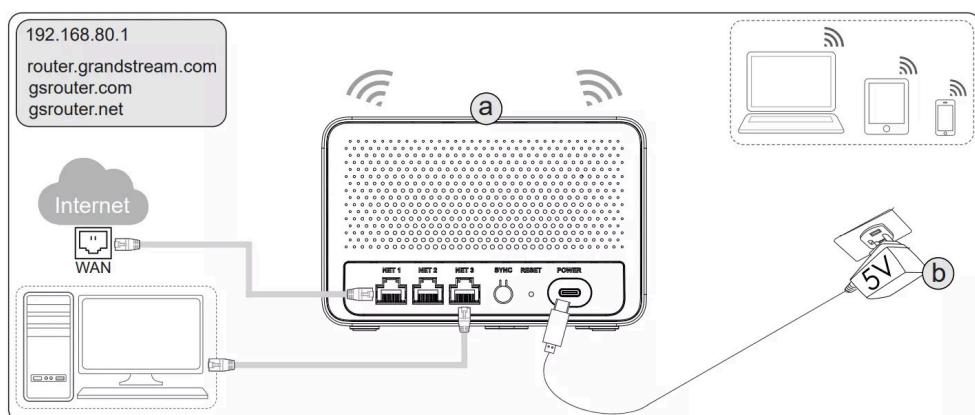
b. USB Type-C Power Adapter (5V)

c. Ethernet Cable

d. Quick Installation Guide and Regulatory Information

Initial Setup

Follow the steps below to power up your GWN7062E and connect it to your network for the first time.



GWN7062E Initial Setup

1. Power the Device

Connect the included USB Type-C power adapter (5V) to the router's power port, then plug it into a wall outlet.

2. Connect to the Internet

Use the Ethernet cable to connect your modem or uplink source to **any** of the available ports.

The GWN7062E automatically detects the correct WAN port.

3. Connect a Computer

You can connect your computer to one of the remaining ports to access the router via a wired connection.

4. Access the Web Interface

On your connected device, open a browser and go to: <http://192.168.80.1> or

<http://router.grandstream.com>, gsrouter.com, or gsrouter.net

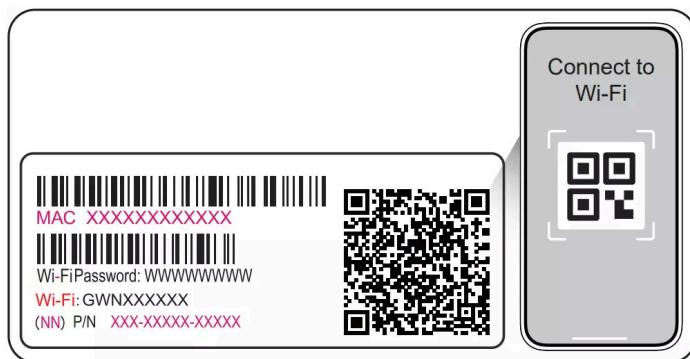
5. Connect via Wi-Fi (Optional)

The router broadcasts a default Wi-Fi network.

- **SSID format:** `GWN[Last 6 characters of MAC address]`
- **Password:** Printed on the sticker on the back of the device

Wireless Setup via QR Code

Easily connect to the GWN7062E's Wi-Fi network using your smartphone or other wireless device.



GWN7062E Wireless Setup via QR Code

1. Power on the router

Ensure the device is powered and broadcasting its default Wi-Fi signal.

2. Find the Wi-Fi information sticker

Locate the sticker included with the device that displays the default SSID, Wi-Fi password, and QR code.

3. Scan the QR code

Use your phone's camera or a QR scanner app to scan the code. This will automatically connect you to the default Wi-Fi network.

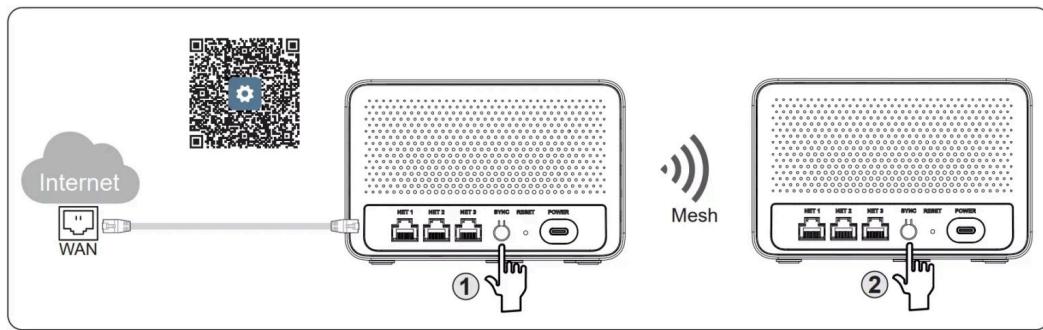
4. SSID and Password

If needed, you can manually join the network using the credentials printed on the label:

- **SSID format:** `GWN[Last 6 characters of MAC address]`
- **Wi-Fi Password:** Displayed next to "Wi-Fi Password" on the label

Mesh Networking Pairing

The GWN7062E supports Mesh networking for extended wireless coverage using additional Grandstream routers.



GWN7062E Mesh Networking Pairing

To pair two routers using Mesh:

1. Ensure the primary (main) router is powered on and ready (LED should be solid blue).
2. Press and hold the **SYNC** button on the primary router for **3 seconds** (Step ①) to start discovery.
3. Once discovery starts, the primary router LED will flash **pink slowly** while scanning for Mesh nodes.
4. When the secondary router is detected, the LEDs on both devices will flash **pink rapidly**.
 - **Wired connection:** No further action is needed. Pairing will complete automatically.
 - **Wireless connection:** Press and hold the **SYNC** button on the secondary router for **3 seconds** (Step ②) to finalize pairing.
5. During pairing, both LEDs should turn **solid pink**. After a few seconds, if pairing is successful, both routers will show **solid blue**.

For full details including LED indicators and pairing behavior, scan the QR code in the image or visit: [Setting Up Mesh Using the Sync Button](#)

Precautions

- It is the customer's responsibility to ensure compliance with local regulations for frequency bands, transmit power, and others.
- To manage remotely, use the **GDMS platform:** <https://www.gdms.cloud>.

- Do not attempt to open, disassemble, or modify the device.
- Do not expose this device to temperatures outside the range of 0 °C to 40 °C for operating and -20 °C to 60 °C for storage.
- Do not expose the GWN7062E to environments outside of the following humidity range: 10-90% RH (non-condensing).
- Do not power cycle your GWN7062E access point during system boot-up or firmware upgrade. You may corrupt firmware images and cause the unit to malfunction.

The GNU GPL license terms are incorporated into the device firmware and can be accessed via the Web user interface of the device at `my_device_ip/gpl_license`. It can also be accessed here: <https://www.grandstream.com/legal/open-source-software>

To obtain a CD with GPL source code information please submit a written request to info@grandstream.com

Refer to online documents and FAQ for more detailed information:
<https://www.grandstream.com/our-products>