

Grandstream Networks, Inc.

GWN7721 Series Quick Installation Guide



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Introduction

The GWN7721 Series is a family of Layer 2 Lite managed multi-gigabit switches designed for small-to-medium businesses, hotels, home offices, and other high-speed network deployments. The series combines scalable wired connectivity, optional PoE for powering devices such as IP phones, cameras, and Wi-Fi access points, and flexible management through the local web interface, GWN Manager, GDMS Networking, and the GWN App.

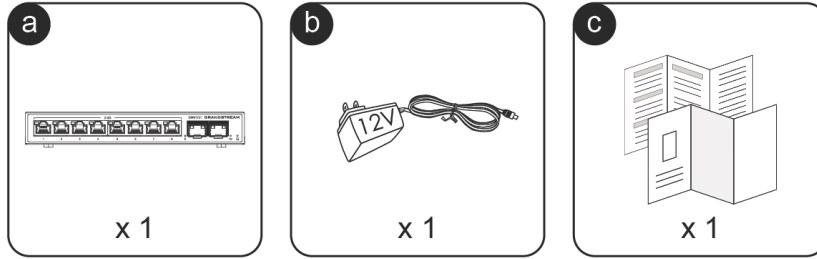
Model	Network Ports	PoE	Installation
GWN7721	8 x 2.5 GbE2 x 10G SFP+	No PoENot supported	DesktopWall mount
GWN7721P	8 x 2.5 GbE2 x 10G SFP+	PoE/PoE+8 ports - Up to 30 W per port130 W total budget	DesktopWall mountRack mount
GWN7721PE	8 x 2.5 GbE1 x 10 GbE1 x 10G SFP+	PoE++Ports 1-8: PoE/PoE+, up to 30 W eachPort 9: PoE/PoE+/PoE++, up to 90 W130 W total budget	DesktopRack mount

Precautions

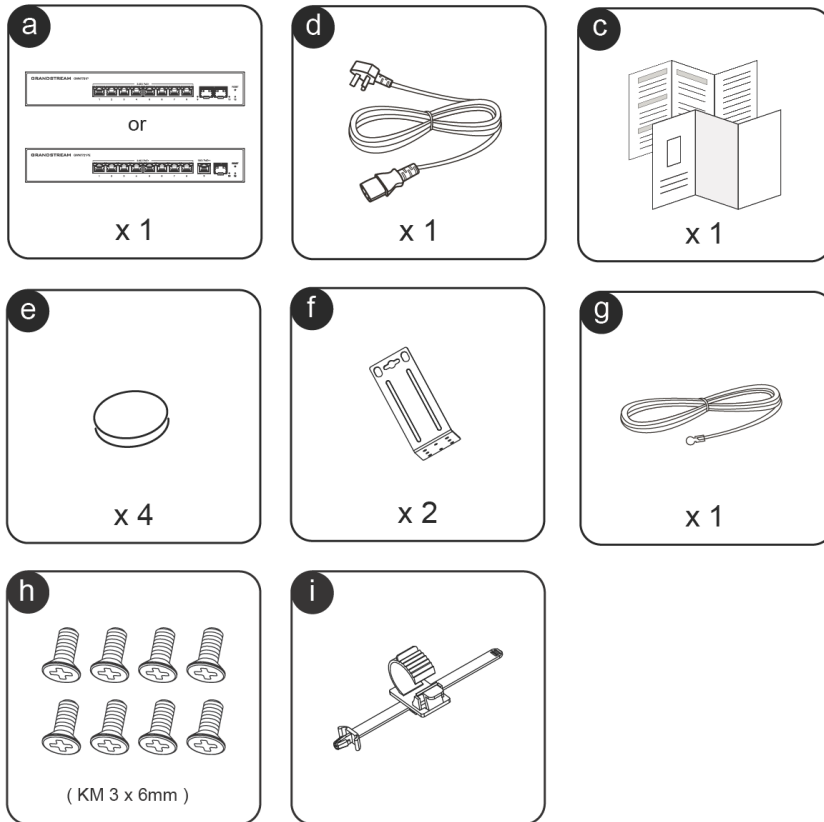
- Do not open, disassemble, or modify the device.
- Operate the device at 0-45 degC and store it at -20-60 degC.
- Keep the device in an environment with 10-90% relative humidity (non-condensing).
- Use supported Ethernet connections: 10/100/1000/2500 Mbps, the 10 Gbps RJ45 port on GWN7721PE, and SFP+.
- For PoE output, GWN7721P supports up to 30 W per PoE port. On GWN7721PE, ports 1-8 support up to 30 W each and port 9 supports up to 90 W.
- Keep the grounding wire securely connected while the device is in use.

Package Content

GWN7721



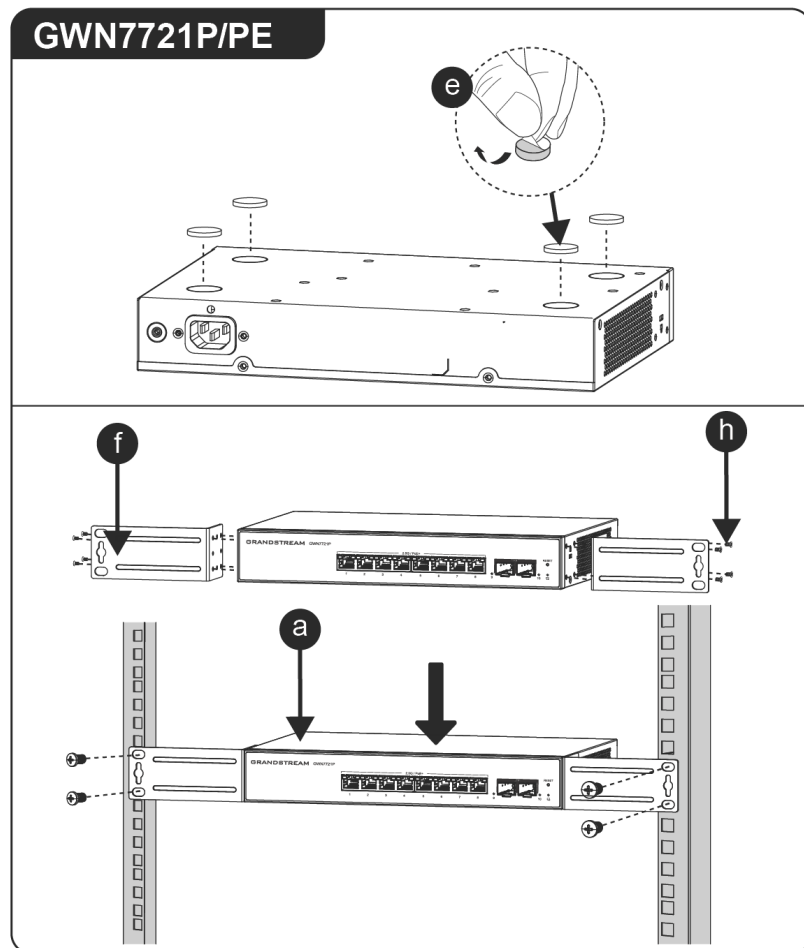
GWN7721P/PE



Package Contents for the GWN7721 Series

Rack Mounting (GWN7721P/GWN7721PE)

1. Attach the four rubber feet to the marked locations on the bottom of the switch for desktop installation.
2. For rack installation, align the supplied rack-mount brackets with the screw holes on both sides of the switch.
3. Secure the brackets to the switch with the supplied KM 3 x 6 mm screws.
4. Place the switch in the rack and secure both brackets to the rack.



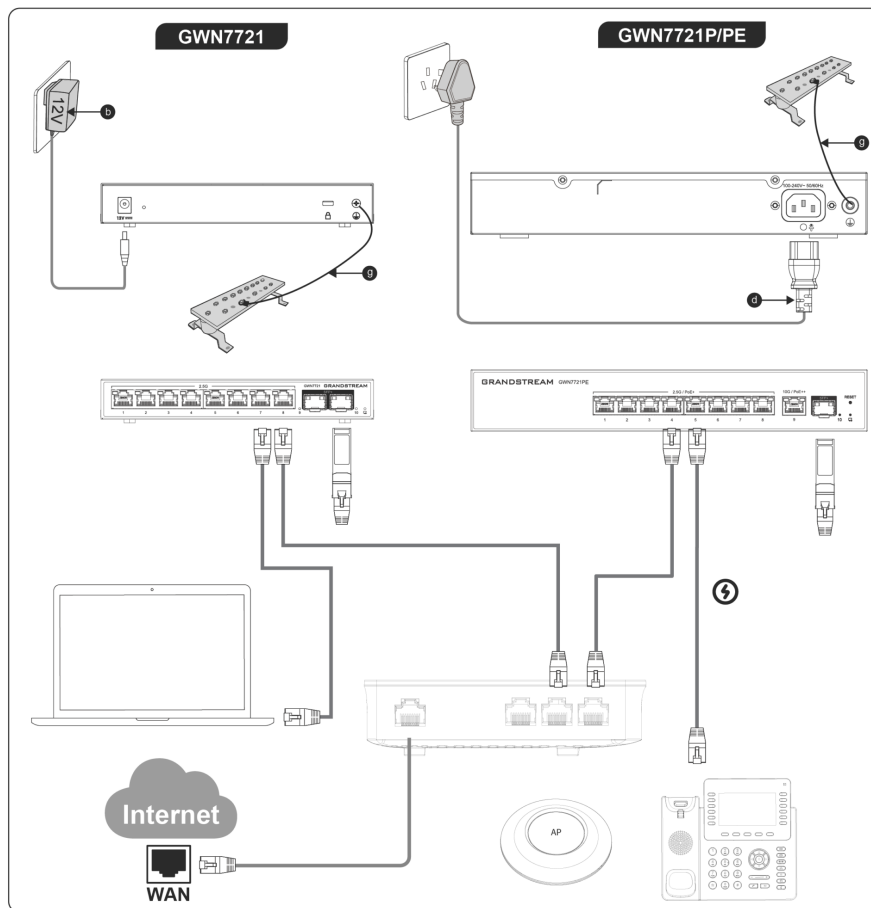
Desktop and Rack Mounting for GWN7721P and GWN7721PE

Power and Grounding

1. Connect the supplied 12 V power adapter to the GWN7721, or connect the supplied AC power cord to the GWN7721P/GWN7721PE.
2. Connect one end of the grounding cable to the grounding point on the switch.
3. Connect the other end to a suitable grounding point and verify that the connection is secure before powering on the switch.

Network Setup

1. Connect a router, gateway, computer, access point, IP phone, or other network device to an Ethernet port on the switch.
2. Use the 10G SFP+ port or ports for a compatible fiber or high-speed uplink when required.
3. For GWN7721P, connect PoE devices to ports 1-8. Each port supports up to 30 W.
4. For GWN7721PE, connect PoE/PoE+ devices to ports 1-8 (up to 30 W per port). Use port 9 for a 10G PoE/PoE+/PoE++ device requiring up to 90 W.
5. Confirm that all cables are securely connected and that the required port LEDs are active.



Power Grounding and Network Connections

LED Light Indicators

The GWN7721P provides eight yellow PoE supply LEDs. The GWN7721PE provides nine yellow PoE supply LEDs, including the indicator for the 10 GbE PoE++ port.

LED Indicator	Status	Description
System Indicator	Off	Power off
	Green On	Power on
	Green Flashing	Upgrade in progress
	Blue On	Normal operation
	Blue Flashing	Provisioning
	Red On	Upgrade failed
	Red Flashing	Factory reset in progress
Port Indicator	Off	No connected device or abnormal connection
	Green On	Port connected with no data activity
	Green Flashing	Port connected and transferring data
PoE LED (GWN7721P/GWN7721PE)	Off	PoE power is not being supplied
	Yellow On	PoE power is being supplied normally after negotiation with the powered device
	Yellow Flashing	PoE power anomaly, such as port overload or PSE throttling

Web GUI Access

- 1. Connect a computer to the same network as the switch.
- 2. Open a web browser and enter http://192.168.0.254. If the switch received an address from a DHCP server, enter its assigned IP address instead.
- 3. Sign in with the administrator credentials and configure the switch as required.
- 4. Alternatively, add and manage the switch through GDMS Networking, GWN Manager, or the GWN App.



L2-Lite Managed Switch

Plug-and-play connectivity with simple controls and configurations to your network



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Login to GWN7721P

Username

Please enter username

Password

Please enter password

Login

GWN7721 Series Web GUI Login