

## QUICK INSTALLATION GUIDE

# GWN7806PL Pro

## Layer 2++ managed switch



The GWN780x Pro series is geared towards scalable and manageable enterprise networks. It integrates VLAN segmentation, QoS, IGMP/MLD Snooping, network security, and, in PoE models, smart power for compatible terminals.

**19"**

Standard rack

**192.168.0.254**

IP without DHCP

**115200**

Baud console

**admin**

Initial user

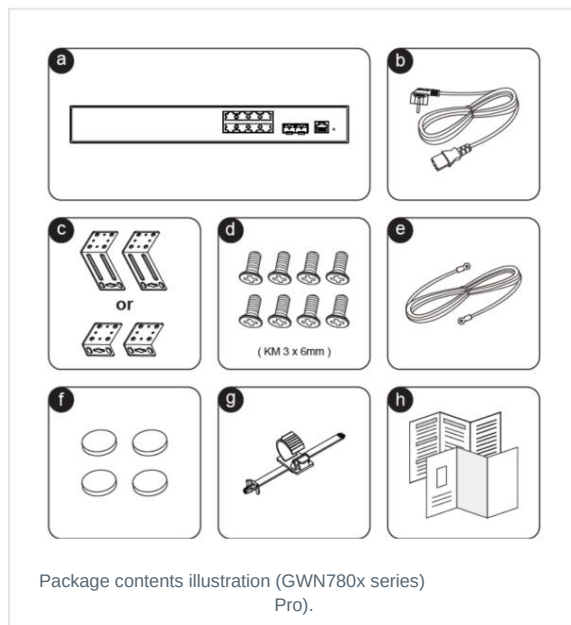
Scope: This version summarizes the physical installation and initial access of the GWN7806PL Pro. For advanced configuration of VLANs, QoS, security, and centralized management, refer to the manufacturer's complete manual.

Manufacturer reference: GWN780x Pro guide, updated December 2, 2025.

## 01 Package Contents

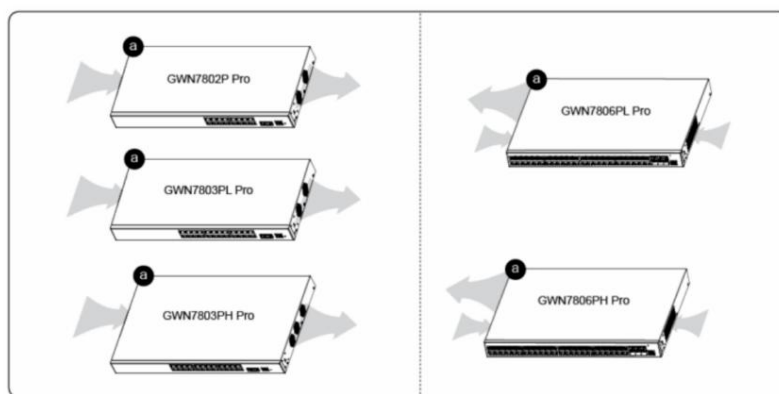
Check the accessories before starting assembly. The illustration corresponds to the contents of the GWN780x series. Pro.

|    |                                           |
|----|-------------------------------------------|
| 1x | Switch GWN7806PL Pro                      |
| 1x | 1.2 m AC cable (10 A)                     |
| 2x | Rack mounting kits                        |
| 8x | KM3 x 6 mm screws                         |
| 1x | 25 cm ground cable                        |
| 4x | Rubber pads                               |
| 1x | Anti-trip accessory for the cable feeding |
| 1x | Quick Installation Guide                  |
| 1x | Regulatory document                       |



## 02 Ventilation and location

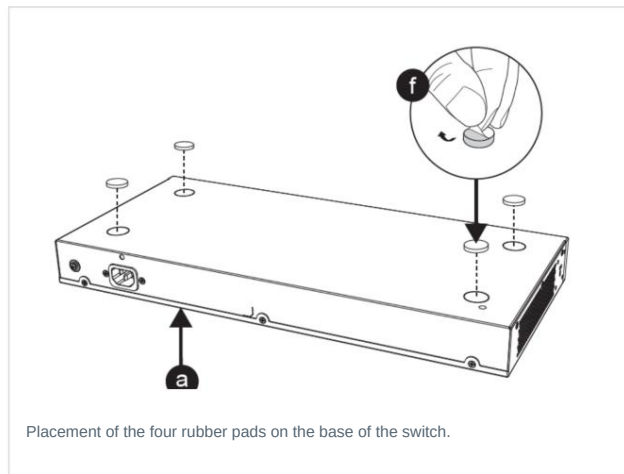
The series incorporates a dedicated ventilation system to dissipate the heat generated during operation, especially when delivering power to connected devices. The mechanism of Cooling and the number of fans may vary by model.



Ventilation diagram of the series; the GWN7806PL Pro appears in the upper right.

Good practice: keep air inlets and outlets clear, avoid enclosed spaces without air circulation, and place the equipment on a stable surface or in a properly secured rack.

### 03 Desktop Installation



1

**Prepare the surface** Place the bottom of the switch on a sufficiently large and stable table.

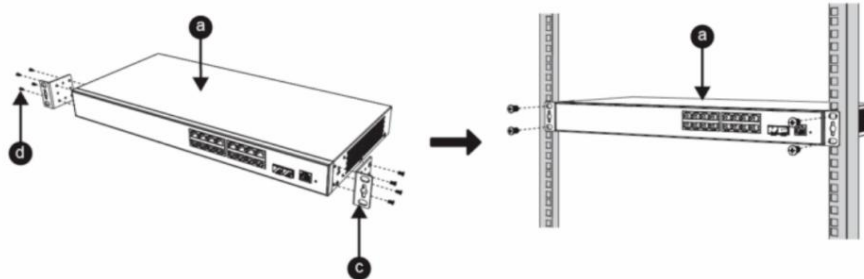
2

**Install the pads.** Remove the protective paper from each rubber pad and fix it in the circular housings at the four corners.

3

**Place the equipment .** Turn the switch and leave it resting evenly on the table.

### 04 Standard 19-inch rack installation



Fixing the side supports and horizontal rack mounting.

1

**Check the rack.** Check the grounding and stability of the cabinet.

2

**Install the brackets.** Attach the two L-shaped brackets to the sides of the switch using the supplied KM3 x 6 mm screws.

3

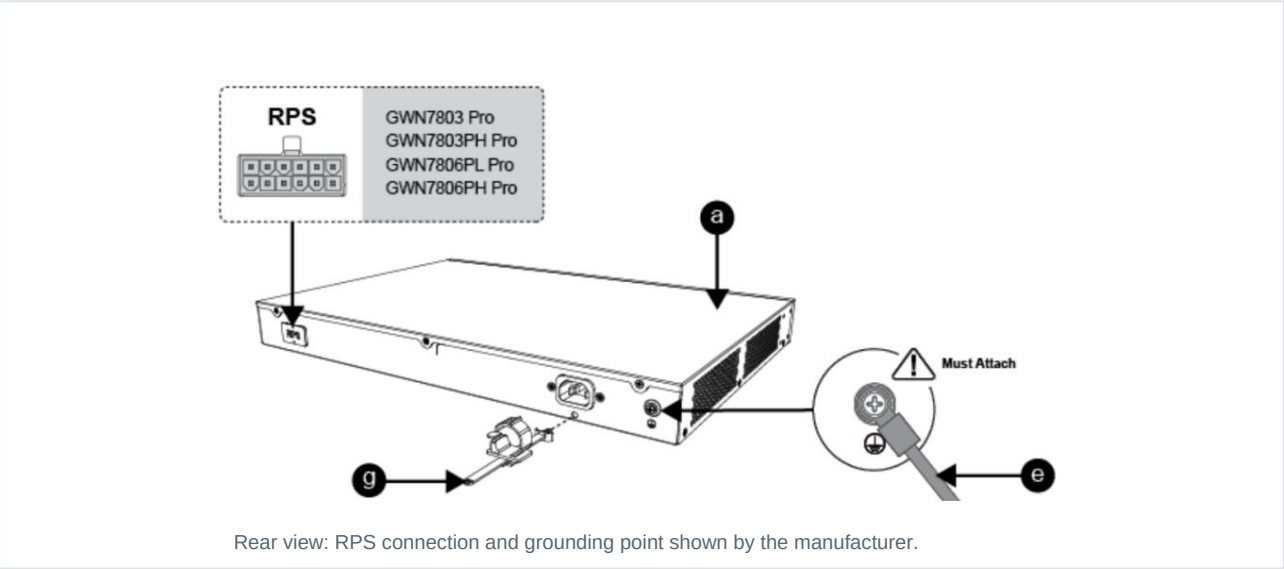
**Position the switch.** Place the equipment at the desired height and support it while aligning the supports with the rails.

4

**Secure the mounting.** Fix the brackets to the rails with screws suitable for the rack and confirm that the switch is horizontal and stable.

05 Power supply, cable securing and grounding

First connect the power cord to the switch, and then to the room's power system. equipment. Secure the cable to reduce the risk of accidental disconnection.



1

**Connect the power supply**

Insert the AC power cord into the switch and then connect it to the site's power source.

2

**Secure the cable**

Use the anti-trip accessory to keep the connector securely in place. Verify that the accessory corresponds to the packaging version received.

3

**Connect the ground wire**

Remove the ground screw from the back of the switch, connect one end of the ground wire and Tighten the screw again.

4

**Complete the grounding**

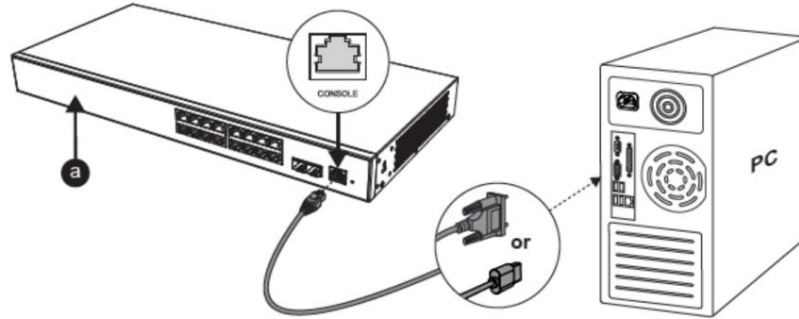
Connect the other end to a previously grounded piece of equipment or directly to the ground bar of the equipment room.

RPS: The manufacturer's illustration identifies redundant power supply compatibility for models of this type. family, including GWN7806PL. Check the appropriate accessory and RPS source before connecting them.

**Recommended sequence**

| 1        | 2    | 3      | 4                 |
|----------|------|--------|-------------------|
| Mounting | Land | Energy | Network / console |

## 06 Connecting to the console port



Connecting the switch's CONSOLE port to a PC via DB9 or USB, depending on the cable/adaptor used.

1

**Connect the switch.** Connect the RJ45 end of the console cable to the CONSOLE port on the switch.

2

**Connect the PC.** Connect the other end to the DB9 serial port or the corresponding USB adapter on the computer.

## 07 Access and initial configuration

Without a DHCP server: the default IP address is 192.168.0.254. Temporarily configure the PC with an address 192.168.0.x (1 to 253) and a mask of 255.255.255.0.

| Method    | Access details                                                                                                                                 |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Web UI    | Connect a PC to any RJ45 port. If DHCP is unavailable, use the 192.168.0.0/24 subnet and access the switch's IP address through a web browser. |
| Console   | Default user: admin. The random password is on the switch label.<br>Speed: 115200 baud.                                                        |
| SSH       | Run <code>ssh &lt;IP_of_the_switch&gt;</code> and authenticate with admin and the password from the label.                                     |
| GWN.Cloud | Go to <a href="https://www.gwn.cloud">https://www.gwn.cloud</a> with your account to manage the switch from the cloud.                         |

## Console startup

1

**Open a terminal emulator.** Connect the console and open a serial terminal application on the PC.

2

**Configure the speed.** Set the speed to 115200 baud.

3

**Authenticate.** Use the username admin and the random password printed on the switch label.

## 08 Access via Web UI



Example of a Web UI login screen displayed in the manufacturer's documentation.

1. Connect the PC  
Use a network cable between the computer and any RJ45 port on the switch.
2. Adjust the network  
If DHCP is not available, configure an IP address of 192.168.0.x/24 in the computer.
3. Open the switch's IP address  
Enter the management address in the browser and Log in with admin and the password of label.

## 09 Precautions and final check

|                       |                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|
| Do not open or modify | Do not attempt to open, disassemble, or modify the device.                           |
| Temperature           | Operating temperature: 0 °C to 45 °C. Storage temperature: -10 °C to 60 °C.          |
| Humidity              | Operating: 10-90% RH non-condensing. Storage: 5-95% RH non-condensing. condensation. |
| Firmware              | Do not interrupt the power supply during startup or firmware update.                 |

•

Switch installed stably and with free ventilation.

•

Ground wire properly connected.

•

Power cord connected and secured.

•

PC connected via Ethernet or console for initial access.

•

IP obtained by DHCP or access prepared with 192.168.0.254.

•

Admin username and initial password found on the equipment label.

Support and documentation: Please refer to Grandstream's official documentation for firmware and configuration. advanced and regulatory requirements applicable to the equipment.

Source: GWN780x Pro - Quick Installation Guide, Grandstream Help Desk, updated December 2, 2025.