

GWN7703P

24 Unmanaged Gigabit Port and 2 SFP
Port Switch with 24 PoE+



The GWN7703P is the ultimate unmanaged network switch model, delivering fast and cost-effective Gigabit connectivity for SOHOs. Engineered for seamless integration, this plug-and-play solution requires absolutely zero configuration and easily fits desktop, wall-mount, or rack-mount installations. Auto MDI/MDIX eliminates the hassle of crossover cables, while smart auto-negotiation on every port automatically detects and adjusts to link speeds of 10/100/1000/2500 Mbps for maximum compatibility and optimized throughput. Additionally, it features IEEE 802.3af/at-compliant ports with smart, dynamic PoE output, effortlessly powering different terminal devices. This makes the GWN7703P offers an ideal networking solution for every growing business.

Feature Highlights



Features 24 Gigabit PoE/PoE+ ports plus 2 ultra-fast 1G SFP uplink ports for high-speed network expansion.



Offers effortless deployment via a true plug-and-play setup with absolutely zero configuration or management required.



Provides real-time port and device status monitoring for power, links, and activity via smart LED indicators.



Ensures hassle-free cabling via intelligent Auto-MDI/MDIX crossover detection across all network ports.



Provides robust power delivery with full 802.3af/at compliance, supplying up to 30 W per port.



Supports advanced hardware optimization for long-distance cable connections.

Application Scenarios

The GWN7703P delivers versatile networking solutions tailored for small offices, bustling coffee shops, and premium, large-scale smart homes. With 24 high-speed 1 GbE ports and 2 ultra-fast 1G SFP uplink ports, it ensures lightning-fast data transmission and seamless access to external network services. Additionally, integrated PoE and PoE+ capabilities power remote devices such as Wi-Fi 6 APs, IP cameras and intelligent access control devices with simplified cabling and deployment.



High-End Residential Network



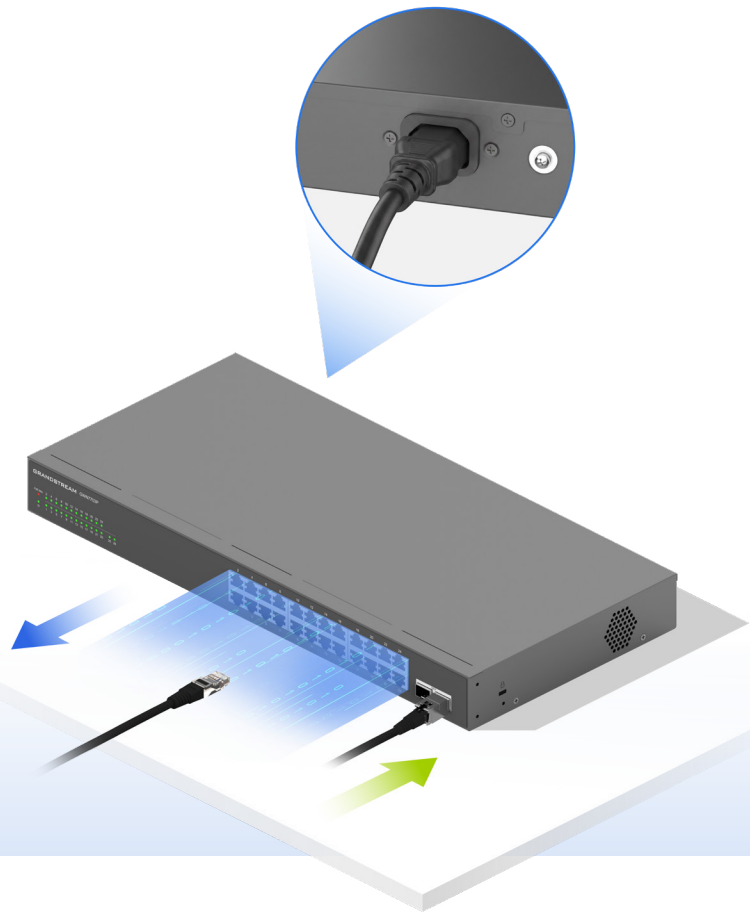
Small Business Workplace



Commercial Retail & Cafe

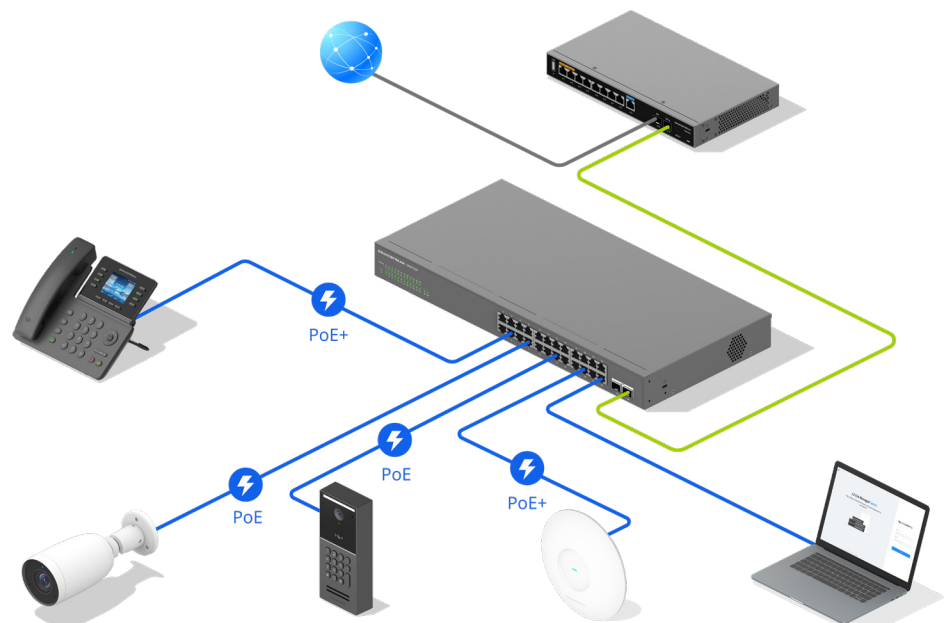
Plug and Play

As a fully unmanaged switch, the GWN7703P requires absolutely zero configuration—simply connect the power and network cables to enable instant, real-time data packet transmission.

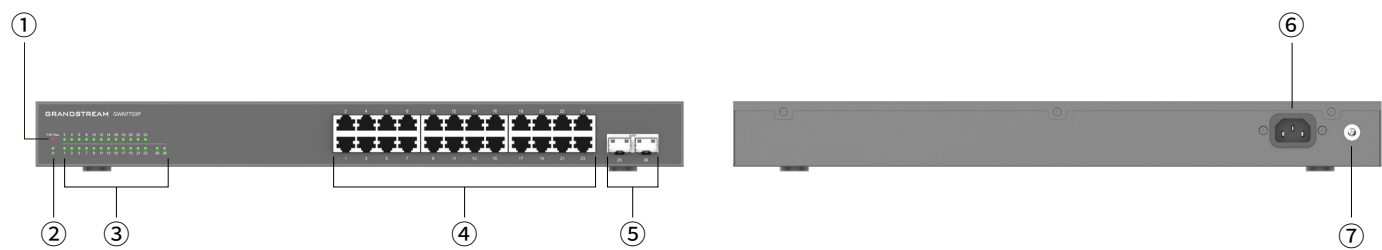


Stable and Automatic PoE Delivery

With advanced PoE and PoE+ capabilities, the GWN7703P features stable, automatic power supply management that ensures continuous device operation while actively preventing data loss or transmission interruptions.



Hardware Overview



GWN7703P

① PoE Max LED	② Power LED	③ Data Transferring LED	④ 1 GbE/PoE+
⑤ 1G SFP	⑥ Power Socket	⑦ Grounding	

Technical Specifications

GWN7703P		
Basic	Unit Dimension	440 mm × 208.3 mm × 44 mm (17.32" × 8.20" × 1.73")(L × W × H)
	Package Dimension	TBD
	Unit Weight	TBD
	Package Weight	TBD
	Installation	Desktop, wall mount, or rack mount
Port	Gigabit Ethernet Ports	24 × 10/100/1000 Mbps RJ-45 Ports
	1G SFP Ports	2 × 1 Gbps SFP Fiber Ports
LED	Power LED	1 green LED for power status indication
	Data Transferring LED	26 green LEDs for link/activity
	PoE Supply LED	24 yellow LEDs
	PoE Max LED	1 red LED
System	Forwarding Mode	Store-and-forward
	Total Non-Blocking Throughput	26 Gbps
	Switching Capacity	52 Gbps
Power Supply	Power Supply	100–240 V AC, 50/60 Hz (280 W)
	Max Power Consumption	15 W @220 V/50 Hz (excluding PoE output power)
PoE	PoE Standards	IEEE 802.3af/at
	PoE Ports	24
	Max Output Power per PoE Port	30 W
	Max Total PoE Output Power	250 W
	PoE Policy	• Overload protection: Cuts off the lowest-priority port • Priority order: Port 1 > Port 24
Environmental Endurance	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
	Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
	Humidity	10%–90% (RH), non-condensing
Certification	Compliance	FCC, CE, RCM, IC

Key Features

GWN7703P		
Protocol and Standards	Network Protocol	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p
Layer 2 Features	Network Media	1000Base-T/100Base-TX/10Base-Te, Half/Full-Duplex
	Jumbo Frame	10 KB
	Port	• Auto-Negotiation • Auto-MDI/MDIX • Flow Control • Half-duplex backpressure
	MAC Address	• 8K entries • Auto-learning and auto-aging

Package Contents

		GWN7703P
Standards Items	Primary Unit	1 × Switch
	Power and Cables	1 × 1.2 m (3.94 ft) AC Cable 1 × 25 cm (9.84") Ground Cable
	Manual and License	1 × Simplified Quick Installation Guide 1 × Regulatory Information
	Installation Accessories	2 × Rack-Mounting Kits 8 × Flat Head Machine Screws (M3 × 6 mm) 4 × Rubber Footpads

Ordering Information

	Item	Description
GWN Switch	GWN7703P	24 × 1 GbE with PoE/PoE+, 2 × 1G SFP, Unmanaged PoE Switch
Optical Receiver	F-SM1310-20KM-1.25G	1.25G SFP LR, Single-Mode Fiber (20 km, 1,310 nm, duplex LC, DDM)
	F-MM850-550M-1.25G	1.25G SFP SR, Multi-Mode Fiber (0.3 km (OM1)/0.55 km (OM2), 850 nm, duplex LC, DDM)