

Grandstream GWN7701PA Unmanaged Network Switch



Product Name: Grandstream GWN7701PA Unmanaged Network Switch

Manufacturer: Grandstream

Model Number: GWN7701PA

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The Grandstream GWN7700 series introduces unmanaged network switches, providing a cost-effective method to add high-speed Gigabit connectivity to home offices and small/medium businesses. These switches require no configuration, offering a desktop or wall-mountable design with auto MDI/MDIX to eliminate crossover cable needs. Each port supports auto-negotiation, allowing compatibility with 10/100/1000Mbps devices.

Grandstream GWN7701PA Key Features:

- 8x PoE+ output.
- Green tech reduces power use.
- LED Indicators for Link, Activity, Speed, and Power.
- Auto MDI/MDIX for all ports.
- Storm Control (fixed to 100Mbps) for traffic monitoring.
- QoS: Supports Default Strict Priority (when present).

In summary, the GWN7700 series of unmanaged network switches efficiently enhances connectivity. Its features like auto MDI/MDIX, and auto-negotiation cater to diverse networking needs, making it an ideal choice for various setups.

Grandstream GWN7701PA Technical Specifications

General

- 2.5 gigabit ports
- PoE ports
- Enclosure: metal
- Mount: Desktop/Rack mount

Standards and Protocols

- IEEE 802.3i
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.3x
- IEEE 802.1p
- IEEE 802.3af
- IEEE 802.3at

Port Features

- 10/100/1000Mbps RJ45 Ports
- AUTO Negotiation
- AUTO MDI/MDIX

Network Media

- 1000Base-T/100Base-TX/10Base-T, Half/Full-Duplex

PoE Configuration

- 1-8 Ports 802.3 af/at compliant
- Up to 30 W on Each Port, Total 145W Power Budget

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• Overload to cut off the lowest priority port
• Priority: Port 8 to Port 1

LED Indicators

• Per port: Link/Activity Green
• Per device: Power Green
• Per port: PoE output Yellow

Mac Address Table

• 8K entries

Switching Capacity

• 16Gbps

Jumbo Frame

• 9KB

Advanced Features

• Mac Address Auto-Learning And Auto-Aging
• IEEE 802.3x Flow Control
• 802.1p/DSCP QoS
• Unlink clear FDB Feature
• IGMP:

• IGMP Fast-Leave
• IGMP Snoop
• Route Port Autolearn
• Query Refresh Member Port

Power Adapter

• Internal 100-240V AC
• AC, 50/60Hz, 150W

Max Power Consumption by Base System

• 6.7W @220V/50Hz (excluding PoE output power)

Environmental

• Operating Temperature: 0 to 40 °C (32 to 104 °F)
• Storage Temperature: -20 to 60 °C (-4 to 140 °F)
• Operating Humidity: 10% to 90% Non-condensing
• Storage Humidity: 10% to 90% Non-condensing

Dimensions (L x W x H)

• Unit: 280 x 180 x 44mm

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1/2 Package: 366 x 211 x 53mm

Weight

1/2 Unit: 1.5KG

1/2 Entire Package: 2.1KG

Package

1/2 1x Switch

1/2 1x 1.2m AC Cable

1/2 1x Quick Installation Guide (QIG)

1/2 Rack-mounting Standard Brackets

1/2 4x Rubber Feet

Compliance

1/2 FCC

1/2 CE

1/2 RCM

1/2 IC

1/2 UKCA

Price: Â£62.50