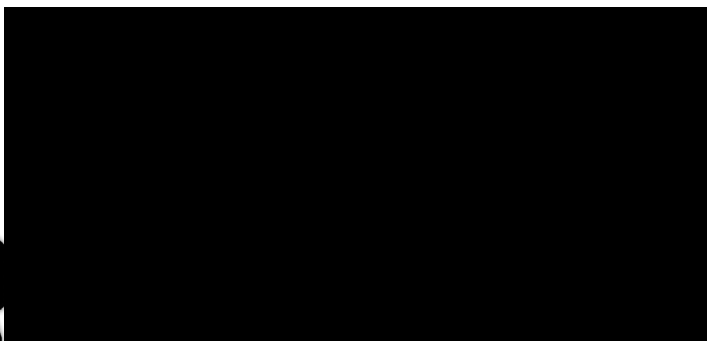
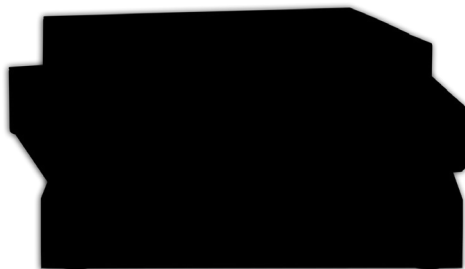


SOHO Gigabit Ethernet Unmanaged Switches with PoE

Expanding Wired Connectivity for
desktop PoE SOHO Networks

NETGEAR 300 Series Gigabit Ethernet Unmanaged Switches with PoE provide easy, reliable, and affordable network connectivity for home and small offices. With these unmanaged plug-and-play switches, you can expand your network connections to multiple devices instantly.

The unmanaged switches provides power and data from a single Ethernet (CAT-5e) cable to devices such as IP cameras, VoIP/ Internet-based phones, wireless access points, etc. The majority of these models also support PoE power auto-balance and allocation feature.

NETGEAR's unique PoE technology automatically balances the PoE power based on the device needs independent of PoE class detected. These switches deliver the power the device needs, at the most granular level.

Outstanding power flexibility with NETGEAR's exclusive FlexPoE

The GS308PP, GS316P, and GS316PP supports NETGEAR's exclusive FlexPoE upgradeable PoE power feature. Powered by the industry's first flexible PoE+ integrated technology, you can increase or decrease the PoE budget by simply purchasing a new NETGEAR. FlexPoE power supply, effectively futureproofing small business networks and budgets. With NETGEAR's exclusive FlexPoE, these two switches help businesses cost effectively increase their power budget to expand their network as needed.

All ports support PoE/PoE+ up to 30W per port, which makes them the perfect switches for deploying Wireless APs, Pan/Tilt/Zoom and fixed IP Cameras, VoIP Phones, access-limited security door locks or any other IoT PoE-powered devices.

The GS308PP, GS316P, and GS316PP have copper Gigabit Ethernet PoE+ ports featuring NETGEAR FlexPoE power. The GS308PP ships with 83W[§] of PoE budget, GS316P ships with 115W[§], and the GS316PP features an astounding 183W[§] of PoE power budget.

Should you need more power in the future, rather than replacing the entire switch, with NETGEAR FlexPoE, you can just purchase the optional NETGEAR FlexPoE EPS130W Power Adapter, which will boost the PoE budget of your GS308PP and with the EPS200W Power Adapter, which will boost the PoE budget of your GS316P.

Highlights

- Auto-MDI/MDIX eliminates the need for crossover cables
- LED indicators for ease of use
- Energy-efficient technology for power savings
- Fanless design for silent operation
- Auto-negotiation for automatic connection at the highest common speed between switch and an end device
- Non-blocking switching architecture for maximum throughput at wire speed
- Plug-and-play; no setup required
- Durable and rugged metal case
- Desktop, wall-mountable or rack-mountable (based on specific model)
- Ideal for small office and home networks
- Standards-based technology ensures interoperability with any standards-

Expanding Wired Connectivity for SOHO Networks

Increase or decrease your PoE budget anytime by simply upgrading your switch Power Supply, without having to purchase a new switch. Future-proof your PoE budget with GS308PP or GS316P. And if you have power-hungry devices and directly need a high power PoE switch, buy G316PP. This unique combination from NETGEAR Business makes these switches the most adaptive in the market.

The following table describes the Accessory Power Adapters which are sold separately:

SOHO Gigabit Ethernet Unmanaged Switches with PoE

Power Consumption	GS305P	GS305PP	GS308P	GS308PP	GS316P	GS316PP
DC Input/Power In	48V, 1.25A	54V, 1.66A	48V, 1.25A	54V, 1.66A (90W PA)	54V, 2.4A (130W PA)	54V, 3.7A (200W PA)
Power Consumption (Max and Standby)	60W/0.96W	88.89W/ 1.55W	60.0W/ 0.28W	87.9W/ 1.23W	127.9W/ 2.68W	195.9 W/ 2.67W
Heat Dissipation (Max and Standby) (BTU/Hr)	205.2 BTU / 3.28 BTU	304BTU/ 5.3BTU	205.20 BTU/ 0.96 BTU	300.6 BTU/ 3.69BTU	437.42 BTU/ 9.18BTU	669.9 BTU/ 9.14BTU
Energy Efficiency						
Energy Efficient Ethernet (EEE) IEEE 802.3az compliant	Yes	Yes	Yes	Yes	Yes	Yes
Auto Power Down	No	No	Yes	Yes	Yes	Yes
Short Cable Detection	Yes	Yes	Yes	Yes	Yes	Yes
Fan/Fanless	Fanless	Fanless	Fanless	Fanless	Fanless	Fanless
Physical Specifications						
Dimensions (W x D x H)	158 x 101 x 29 mm (6.2 x 4.0 x 1.1 in)	158 x 101 x 29 mm (6.2 x 4.0 x 1.1 in)	158 x 101 x 29 mm (6.2 x 4.0 x 1.1 in)	236 x 102 x 27 mm (9.3 x 4 x 1.1 in)	286 x 102 x 27 mm (11.3 x 4 x 1.1 in)	286 x 102 x 27 mm (11.3 x 4 x 1.1 in)
Weight	0.41 kg (0.90 lb)	0.41 kg (0.90 lb)	0.46 kg (1.02 lb)	0.6 kg (1.32 lb)	0.88 kg (1.94 lb)	0.88 kg (1.94 lb)
Environmental Specifications						
Operating						
Operating Temperature	0° to 40°C (32° to 104°F)					
Humidity	90% maximum relative humidity (RH), non-condensing					
Altitude	10,000 ft (3,000 m) maximum					
Storage						
Storage Temperature	-20° to 70°C (– 4° to 158°F)					
Humidity (relative)	95% maximum relative humidity (RH), non-condensing					
Electromagnetic Emissions and Immunity						
Certifications	CE Mark, FCC Part 15 Class B, IC Class B, RCM, VCCI	CE Mark, FCC Part 15 Class B, IC Class B, RCM, CCC, VCCI	CE Mark, FCC Part 15 Class A, IC Class A, RCM, CCC, VCCI, KC	CE Mark, FCC Part 15 Class A, IC Class A, RCM, VCCI, BSMI, KC	CE Mark, FCC Part 15 Class A, IC Class A, RCM, VCCI, BSMI, KC	CE Mark, FCC Part 15 Class A, IC Class A, RCM, VCCI, BSMI, KC
Bandwidth (Non-Blocking)						
Certifications	CB, CE LVD	CB, CE LVD, CCC	CB, CE LVD, CCC	CB, CE LVD	CB, CE LVD	CB, CE LVD

SOHO Gigabit Ethernet Unmanaged Switches with PoE

IEEE Network Protocols	GS305P	GS305PP	GS308P	GS308PP	GS316P	GS316PP
<ul style="list-style-type: none">• IEEE 802.3ab 1000BASE-T Gigabit Ethernet• IEEE 802.3u 100BASE-TX Fast Ethernet• IEEE 802.3i 10BASE-T Ethernet	<ul style="list-style-type: none">• IEEE 802.3x Flow Control• IEEE 802.1p Priority QoS (all models)			<ul style="list-style-type: none">• IEEE 802.3 CSMA/CD• 802.3az Energy Efficient Ethernet		
Warranty and Support *						
All Except China/India			3-year Warranty			
China/India			1-year Warranty			
Technical Support (online, phone)			90 days free from date of purchase			
ProSUPPORT Category	Category S1	Category S2	Category S2	Category S2	Category S2	Category 1
ProSUPPORT OnCall 24x7 Service Plan	PMB0S11-10000S (1 yr)	PMB0S12-10000S (1 yr)	PMB0S12-10000S (1 yr)	PMB0S12-10000S (1 yr)		
	PMB0S31-10000S (3 yrs)	PMB0S32-10000S (3 yrs)	PMB0S32-10000S (3 yrs)	PMB0S32-10000S (3 yrs)		
	PMB0S51-10000S (5 yrs)	PMB0S52-10000S (5 yrs)	PMB0S52-10000S (5 yrs)	PMB0S52-10000S		