



DESCRIPTION

Instant Connectivity and Reliable Performance

The NETGEAR Gigabit Unmanaged Switch series helps your business cost-effectively expand your network to Gigabit speeds and higher port counts. The GS524UP joins the series and offers 16 Ultra60 PoE++ ports and 8 PoE+ ports to power high-power PoE devices. With a total PoE power budget of 480W, deploy denser PoE+ and PoE++ devices to a single switch rather than multiple.

The GS524UP is energy efficient, built to last, and rigorously tested to provide the reliability your business needs. 802.1p traffic prioritization and jumbo frame support allow for seamless integration with more sophisticated networks.

Powerful Ultra60 PoE++

Ideal for powering and connecting 802.11AX wireless access points, 4K/8K IP surveillance cameras, PoE lighting, and high power audio speakers, the GS524UP gives you a highly cost-effective and powerful switch with the best cost/PoE budget ratio.

NETGEAR Ultra60 PoE++ Unmanaged Switches support the latest Energy Efficient Ethernet (IEEE 802.3bt) standard, powerful enough to support devices that require greater power. The GS524UP includes 16 PoE++ ports that can deliver up to 60W of power per port.

PoE Mode

Your business is always changing and growing, but not all your devices may be 802.3bt standard compatible. PoE mode on the GS524UP solves this problem by providing power to both pre-bt and bt standard devices.

- GS524UP by default uses 802.3bt standard, only compatible for bt standard devices
- 802.3bt Standard Devices: to power bt standard devices, select 802.3bt mode to receive 60W of power
- Pre-802.3bt Standard Devices: to power up pre-802.3bt standard products, select the pre-802.3bt mode to receive more than 30W of power
- If the GS524UP is set to pre-802.3bt mode but the device is standard 802.3bt, then PoE++ power will not be delivered to the device. The switch will only deliver 802.3af (<15W)

TECHNICAL CHARACTERISTICS

Brand : NETGEAR
Part number : GS524UP-100EUS
Réseau :
Full duplex : Y
Auto MDI/MDI-X : Y

10G support : N
AC input frequency : 50/60 Hz
AC input voltage : 100 - 240 V
Basic switching RJ-45 Ethernet ports quantity : 24
Basic switching RJ-45 Ethernet ports type : Gigabit Ethernet (10/100/1000)
Depth : 220 mm
Half duplex : Y
Harmonized System (HS) code : 85176990
Heat dissipation : 1976.0232 BTU/h
Height : 43 mm
Housing material : Metal
Input current : 8 - 4 A
Latency (1 Gbps) : 12 µs
LED indicators : Activity, Link, PoE, Power, Speed
MAC address table : 8000 entries
Mean time between failures (MTBF) : 809853.3 h
Networking standards : IEEE 802.3, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3bt, IEEE 802.3i, IEEE 802.3p, IEEE 802.3u
Number of fans : 2 fan(s)
Operating altitude : 0 - 3000 m
Operating relative humidity (H-H) : 10 - 90%
Operating temperature (T-T) : 0 - 50 °C
Packet buffer memory : 0.192 MB
Packet forwarding rate (1 Gbps) : 1448000 pps
Power consumption (max) : 578.8 W
Power over Ethernet (PoE) : Y
Power over Ethernet (PoE) power per port : 60 W
Power over Ethernet (PoE) type supported : PoE+
Power over Ethernet plus (PoE+) ports quantity : 24
Power supply included : Y
Product colour : Grey
Quality of Service (QoS) support : Y
Rack mounting : Y
Storage temperature (T-T) : -20 - 70 °C
Switch type : Unmanaged
Switching capacity : 48 Gbit/s
Total Power over Ethernet (PoE) budget : 480 W
Weight : 3.1 kg
Width : 390 mm