

## NETGEAR GS524UP Unmanaged Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Grey

**Brand :** NETGEAR

**Product code:** GS524UP-100NAS

**Product name :** GS524UP



- PLUG-AND-PLAY - Simple set up with no software or configuration needed
  - POWER-OVER-ETHERNET: impressive 480W PoE budget with 16 Ultra60 PoE++ ports and 8 PoE+ ports to power wireless AP, 4K/8K IP Cameras, LED lights, IoT devices, and much more
  - COMPACT, FLEXIBLE FORM FACTOR - Small case with internal power supply and whisper-quiet fans, perfect for desktop, wall-mount, or rackmount deployment
  - EASY-MONITORING - Per port LEDs for port activity and speed
  - GIGABIT ETHERNET - 24 auto-sensing 10/100/1000 Mbps Gigabit Ethernet ports with up to 48Gb non-blocking switching
  - PoE AUTO-BALANCE - unique PoE technology automatically balances the PoE power based on the device needs independent of PoE class detected. The switches deliver the power the device needs, at the most granular level
- Gigabit Unmanaged Switch Series (GS524UP) 24-Port Gigabit Ethernet High-Power PoE+ Unmanaged Switch with 16-Ports PoE++ (480W)

Management features		Performance	
Switch type *	Unmanaged	Mean time between failures (MTBF)	809853.3 h
Quality of Service (QoS) support	✓	Power	
Ports & interfaces		Power source *	PoE
Basic switching RJ-45 Ethernet ports quantity *	24	Power supply included *	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	AC input voltage	100 - 240 V
Network		AC input frequency	50/60 Hz
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	Input current	8 - 4 A
10G support *	✗	Power consumption (max)	578.8 W
Full duplex	✓	Power over Ethernet (PoE)	
Half duplex	✓	Power over Ethernet (PoE) *	✓
Auto MDI/MDI-X	✓	Power over Ethernet plus (PoE+) ports quantity	24
Data transmission		Power over Ethernet (PoE) power per port	60 W
Switching capacity *	48 Gbit/s	Total Power over Ethernet (PoE) budget	480 W
MAC address table *	8000 entries	Operational conditions	
Latency (1 Gbps)	12 µs	Operating temperature (T-T)	0 - 50 °C
Packet forwarding rate (1 Gbps)	1448000 pps	Storage temperature (T-T)	-20 - 70 °C
Design		Operating relative humidity (H-H)	10 - 90%
Rack mounting *	✓	Operating altitude	0 - 3000 m
Form factor	1U	Heat dissipation	1976.0232 BTU/h
Product colour	Grey	Weight & dimensions	
Housing material	Metal	Width	390 mm
LED indicators	Activity, Link, PoE	Depth	220 mm
Number of fans	2 fan(s)	Height	43 mm
		Weight	3.1 kg



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