



GS105

5-port Gigabit Ethernet Switch 10/100/1000 Mbps

- *Help is there when you need it! NETGEAR provides 24x7 technical support* in English, with selected local language support during office hours.*

Gigabit Power, 10/100 Simplicity

- For a high-speed network on a small scale, nothing delivers likes this compact powerhouse. Equipped with five auto-speed-sensing 10/100/1000 Mbps UTP ports, this affordable switch gives your network the capacity to handle huge workloads. It moves very large files across your network instantly, and lets you painlessly integrate 10, 100, and 1000 Mbps devices on your network. Packed with ease-of-use features to simplify your networking experience, its trim design makes it an easy fit for a desk or mounted on a wall. The durable metal chassis protects interior working parts and the fan-less design results in silent operation. Matched with NETGEAR's thorough testing, the GS105 switch provides long-lasting performance you can count on.

Potent ● Moves huge files fast! Features five high-speed, auto-switching 10/100/1000 Mbps Ethernet connections. And because Gigabit Ethernet is a full duplex standard, you get up to 2000 Mbps on each port.

Capable ● Integrates 10, 100, and 1000 Mbps devices on the same network. Every port automatically senses the right speed and full/half duplex mode, and Auto Uplink™ technology automatically adjusts for straight-through or crossover cables.

Trim ● Sized to save space, this sturdy metal 5-port switch is compact and fits easily on a desk or mounts on a wall, making it ideal for home and small office environments.

Easygoing ● LEDs embedded in RJ-45 jacks make for easy monitoring. Provides noiseless operation. Supports PC or Mac® O/S.



NETGEAR®

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* Free basic installation support provided for 90 days from date of purchase; optional premium support available.



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GS105

Technical Specifications

- **Network Ports:**
 - 5 auto-speed sensing UTP ports
- **Forwarding Mode:**
 - Store-and-Forward
 - 256K On-Chip Packet Buffering
- **Performance:**
 - **Bandwidth:** 10 Gbps (non-blocking)
 - **Forward Rate (10 Mbps port):** 14,800 packets/sec
 - **Forward Rate (100 Mbps port):** 148,000 packets/sec
 - **Forward Rate (1000 Mbps port):** 1,480,000 packets/sec
 - **Network Latency (100 to 100 Mbps):** 20 μ s (max)
 - **Network Latency (1000 to 1000 Mbps):** 10 μ s (max)
 - **Queue Buffer Memory:** 12 kbytes per port
 - **MAC address database:** 8,000
 - **Mean Time Between Failure (MTBF):** 87,600 hours (~10 years)
- **Status LEDs:**
 - Power, Collision, Activity, and Duplex indicators for each port, Link and Speed indicators built into each RJ-45 port
- **AC Power:**
 - 14.4 W
 - 12VAC, 1.2A
- **Physical Specifications:**
 - **Dimensions (w x d x h):** 158 x 105 x 25 mm (6.22 x 4.13 x .98 in.)
 - **Weight:** 0.49 kg (1.08 lb)
- **Environmental Specifications:**
 - **Operating Temperature:** 0 to 40° C (32 to 104° F)
 - **Operating Humidity:** 10 to 90% noncondensing
- **Storage Specifications:**
 - -20 to 70° C (-4 to 158° F)
 - 10 to 95% Relative Humidity
- **Standards Compliance:**
 - IEEE 802.3i 10BASE-T Ethernet
 - IEEE 802.3u 100BASE-TX Fast Ethernet
 - IEEE 802.3z 1000BASE-T Gigabit Ethernet
 - Windows®, MAC OS, NetWare®, Linux®
- **Safety Agency Approvals:**
 - UL (UL 60950), CUL, C-Tick, CE Mark, TUV licensed (EN 60950)
- **Emissions:**
 - FCC Class A and VCCI Class A, CE Class A, MIC
- **Warranty:**
 - **Switch:** NETGEAR 5 year warranty
 - **Power adapter:** NETGEAR 2 year warranty

System Requirements

- UTP Category 5 cables or better
- Network card for each PC or server (e.g. GA302T)

Package Contents

- 5-port 10/100/1000 Mbps Gigabit Ethernet Switch GS105
- Wall-mount kit
- Power adapter
- Installation guide
- Warranty & Support information card

NETGEAR Related Products

- GA302T Copper Gigabit PCI Adapter
- GA622T Copper Gigabit Ethernet Adapter
- GS108 8-port 10/100/1000 Mbps Gigabit Ethernet Switch