



GS600 Series

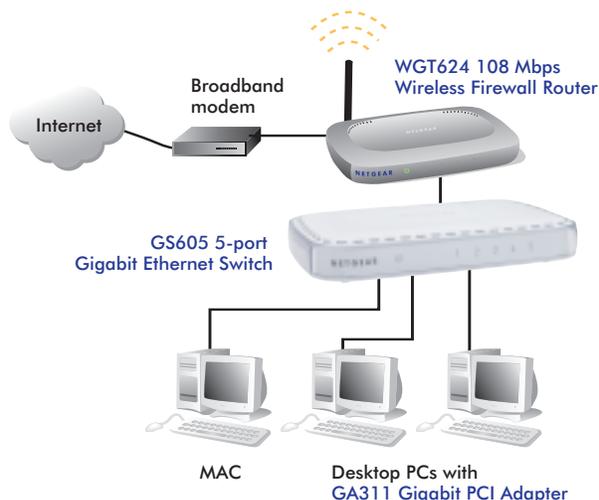
5-port and 8-port Gigabit Ethernet Switches 10/100/1000 Mbps

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

● Gigabit Power for the Home

For a high-speed network on a small scale, nothing delivers like these stylish powerhouses. These fast, easy, and affordable Gigabit switches gives your home network the maximum capacity to handle huge bandwidth. Packed with ease-of-use features to simplify your networking experience, their sleek design makes them look great on a desktop – either flat or in the provided stand. The GS605 and GS608 move very large files such as high-end multimedia, gaming, Internet access, and other speed-intensive applications across your network instantly, and because they are standards-based, they painlessly integrate existing 10, 100, and 1000 Mbps devices on your network. The fan-less design results in silent operation allowing you to focus on your game or relax to your music. Matched with NETGEAR's thorough testing, the GS600 switches provide long-lasting performance you can count on.

- Potent** ● Moves huge files fast! Features 5 or 8 high-speed, auto-sensing 10/100/1000 Mbps Ethernet connections. And because Copper Gigabit Ethernet is a full duplex standard, you can get up to 2000 Mbps on each port.
- Smart** ● Seamlessly integrates 10, 100, and 1000 Mbps devices on the same network and will honor Layer 2 priority tags. Every port automatically senses the right speed and full/half duplex mode, and Auto Uplink™ technology automatically adjusts for straight-through or crossover cables
- Stylish** ● The sleek design looks great on a desktop whether the switches rest on their feet or on their edge, making it ideal for home and small office environments.
- Easy going** ● LEDs make for easy monitoring while no fans make for noiseless operation. Compatible with major network operating systems whether it's PC or Mac® OS.



Product Specifications

- **Network Ports:**
 - GS605: 5 auto-speed sensing UTP ports
 - GS608: 8 auto-speed sensing UTP ports
- **Forwarding Mode:**
 - Store-and-Forward
 - On-Chip Packet Buffering
- **Performance:**
 - **Bandwidth:** GS605- 10 Gbps (non-blocking), GS608- 16 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):** 1,488,000 packets/sec
 - **Network Latency (100 to 100 Mbps):** 20 μ (max)
 - **Network Latency (1000 to 1000 Mbps):** 10 μ (max)
 - **Packet Buffer Memory:** 1 Mb
 - **MAC address database:** 4,000
 - **Mean Time Between Failure (MTBF):** 87,600 hours (~10 years)
- **AC Power:**
 - 12 VAC, 1A; plug is localized to country of sale
 - GS605: 8 W
 - GS608: 10 W
- **Status LEDs:**
 - Power, Link, Speed, and Activity indicators for each port
- **Physical Specifications:**
 - **Dimensions (w x d x h):** 177 x 117 x 31 mm (7.0 x 4.6 x 1.2 in)
 - **Weight:**
 - GS605: 0.28 kg (0.63 lbs)
 - GS608: 0.31 kg (0.69 lbs)
- **Environmental Specifications:**
 - **Operating temperature:** 0 to 40° C (32 to 104° F)
 - **Operating humidity:** 10% to 90% noncondensing
 - **Storage temperature:** 20 to 70° C (-4 to 158° F)
 - **Storage humidity:** 10% to 95% Relative Humidity
- **Standards Compliance:**
 - IEEE 802.3i 10BASE-T Ethernet
 - IEEE 802.3u 100BASE-TX Fast Ethernet
 - IEEE 802.3ab 1000BASE-T Gigabit Ethernet
 - IEEE 802.1p priority tags
- **Safety Agency Approvals:**
 - UL (UL 60950), CUL, C-Tick, CE Mark
- **Emissions:**
 - FCC Class A and VCCI Class A, CE Class A
- **Warranty:**
 - NETGEAR 1-year warranty

System Requirements

- UTP Category 5 cables or better
- Gigabit Network card for each PC or server (e.g. NETGEAR GA311)
- Windows®, Mac OS, NetWare, Linux®

Package Contents

- 5/8-port 10/100/1000 Mbps Gigabit Ethernet Switch GS605/GS608
- Vertical stand
- Power adapter
- Installation guide
- Warranty/Support information card

NETGEAR Related Products

- GA311 Copper Gigabit PCI Adapter
- GS116 16-port Gigabit Ethernet Switch

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* Free basic installation support provided for 90 days from date of purchase. Advanced product features and configurations are not included in free basic installation support; optional premium support available.

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