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 give 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 40º C (32 to 104° F)
  - **Operating humidity:** 10% to 90% noncondensing
  - **Storage temperature:** 20 to 70º 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

- 3- and 8-port Gigabit Ethernet Switches