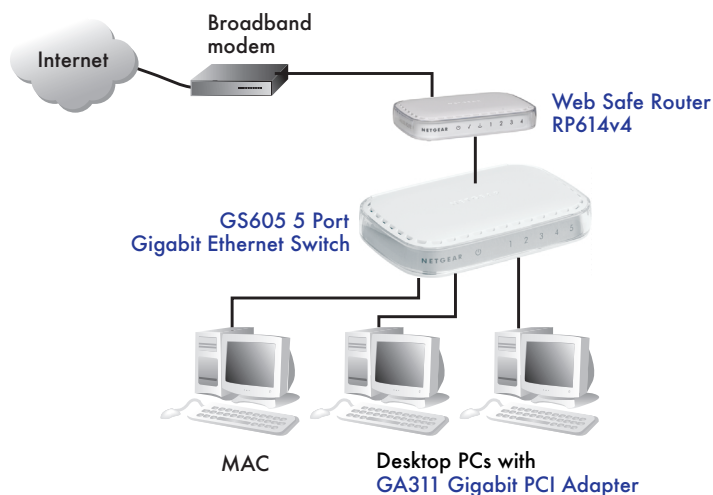# GS600 Series
5 Port and 8 Port Gigabit Ethernet Switches
10/100/1000 Mbps

- *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. The GS600 Series provides Jumbo Frame support of up to 9,000 byte frames.

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, in the included vertical stand, 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.

Internet

Broadband modem

Web Safe Router
RP614v4

GS605 5 Port
Gigabit Ethernet Switch

MAC

Desktop PCs with
GA311 Gigabit PCI Adapter

NETGEAR®

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: 12W (12V, 1A)
    GS608: 14.4W (12V, 1.2A)

- **Status LEDs:**
  Power, Link, Speed, and Activity indicators for each port

- **Physical Specifications:**
  - **Dimensions (w x d x h):**
    GS605: 28.6 x 147 x 95.7 mm (1.1 x 5.8 x 3.8 in)
    GS608: 31 x 177 x 117 mm (1.2 x 7.0 x 4.6 in)
  - **Weight:**
    GS605: 0.28 kg (0.63 lbs)
    GS608: 0.31 kg (0.69 lbs)

- **Environmental Specifications:**
  - **Operating temperature:** 0 to 50º 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
  - IEEE 802.3x Full-duplex Flow Control
  - Jumbo Frame support (9,000 byte frames)

- **Safety Agency Approvals:**
  UL (UL 60950), CUL, C-Tick, CE Mark

- **Emissions:**
  - FCC Class A and VCCI Class A, CE Class A

- **Warranty:**
  - 2-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 and 8 Port 10/100/1000 Mbps Gigabit Ethernet Switch GS605v2/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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