

**Gigabit Power, 10/100 Simplicity**

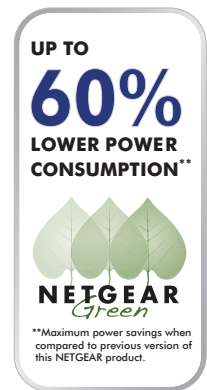
- Connects up to 10x faster than Fast Ethernet for maximum performance†
- Simple to combine Fast Ethernet and Gigabit devices in your network
- NETGEAR Green features provide energy savings
- Plug-and-play installation delivers ease of use

**Features**

- ProSafe 5- and 8-port Gigabit Desktop Switches connect your network with the dual advantages of performance and convenience
- Fast, auto-switching Ethernet connection integrates 10, 100, and 1000 Mbps devices into your network
- Supports Windows® and Macintosh® platforms
- LEDs make it easy to monitor link, speed, and activity
- AutoUplink™ technology automatically adjusts for two common types of cables
- Compact metal case for desktop or wall mounting

**NETGEAR Green**

- Up to 60% lower power consumption\*\*
- Auto power-down mode saves energy when port is unused
- Efficient Energy Star compliant power supply
- Packaging manufactured with at least 80% recycled materials

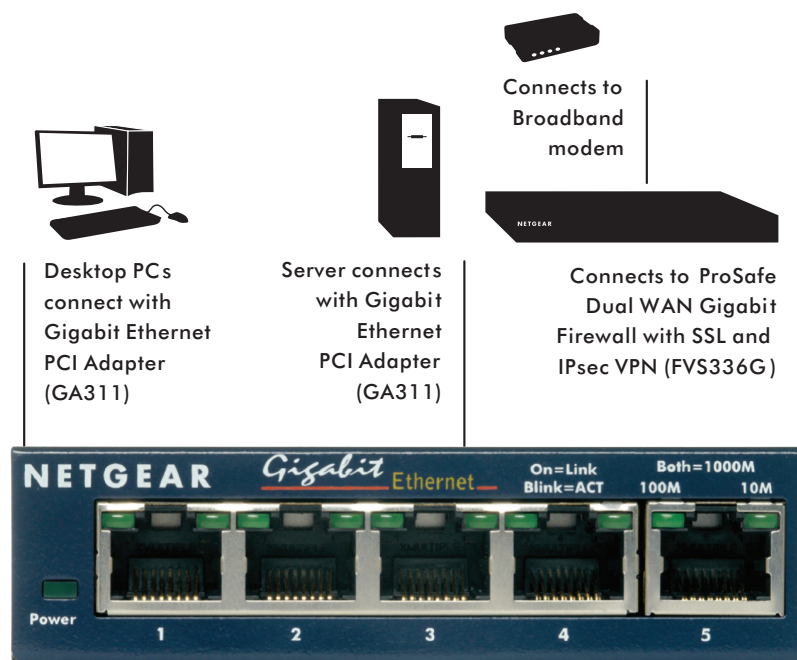


\*\*Maximum power savings when compared to previous version of this NETGEAR product.

**24/7**  
TECHNICAL  
SUPPORT\*

1-888-NETGEAR (638-4327)  
Email: [info@NETGEAR.com](mailto:info@NETGEAR.com)





GS105

## Technical Specifications

### • Network Ports

- GS105: 5 auto-sensing UTP ports
- GS108: 8 auto-sensing UTP ports

### • Forwarding Mode

- Store-and-forward
- GS105: 128 KB on-chip packet buffering
- GS108: 192 KB on-chip packet buffering

### • Performance

- Bandwidth:
  - GS105: 10 Gbps (non-blocking)
  - GS108: 16 Gbps (non-blocking)
- Forwarding rate:
  - 10 Mbps port: 14,800 packets/sec
  - 100 Mbps port: 148,000 packets/sec
  - 1000 Mbps port: 1,480,000 packets/sec
- MAC address database: 4,000
- Mean time between failures (MTBF): >1 million hours (~114 years)

### • Status LEDs

- System power
- Link, speed, and activity indicators per port built into each RJ-45 port

### • AC Power

- Power adapter: 12W, 12V DC, 1A
- Maximum power consumption
  - GS105: 3.5W
  - GS108:
    - 4.92W (if cable length > 10 m)
    - 4.08W (if cable length < 10 m)

### • Physical Specifications

- Dimensions (w x d x h):
  - GS105: 94 x 104 x 28 mm (3.7 x 4.1 x 1.1 in)
  - GS108: 158 x 105 x 27 mm (6.2 x 4.1 x 1.1 in)
- Weight: GS105: 0.30 kg (0.66 lb) GS108: 0.522 kg (1.15 lb)

### • Environmental Specifications

- Operating temperature: 0° to 50° C (32° to 122° F)
- Operating humidity: 10% to 90% non-condensing
- 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 802.3x Full-duplex flow control
- Honors IEEE 802.1p and DSCP priority tags
- Jumbo frame: up to 9,720 bytes

### • Safety Agency Approvals

- C-Tick, CE Mark

### • Emissions

- GS105: FCC Class A, VCCI Class A, MIC
- GS108: FCC Class B, VCCI class B, EN 55022 (CISPR 22)

**System Requirements**

- Windows®, Linux®, Mac OS®
- 10 Mbps: UTP Cat 3 (or better)
- 100 Mbps: UTP Cat 5 (or better)
- 1000 Mbps: UTP Cat 5e (or better)
- Network card for each PC or server

**Warranty**

- Switch: NETGEAR Lifetime Warranty<sup>††</sup>
- Power adapter: NETGEAR 2-year warranty

**ProSupport Service Packs Available****• OnCall 24x7, Category 1**

- PMB0331-100 (US)
- PMB0331 (non-US)

**• XPressHW, Category 1**

- PRR0331

**Package Contents**

- ProSafe 5-port or 8-port Gigabit Desktop Switch 10/100/1000 Mbps (GS105v3 or GS108v3)
- Wall-mount kit
- AC adapter
- Installation guide
- Warranty/support information card

**NETGEAR Related Products**

- Gigabit Ethernet PCI Adapter (GA311)
- Gigabit Ethernet PC Card (GA511)
- ProSafe® 16-port Gigabit Desktop Switch (GS116)

**Ordering Information****• GS105**

- North America: GS105NA
- Europe - General: GS105GE
- UK: GS105UK
- Germany: GS105GR
- Asia: GS105AU
- Japan: GS105A-300JPS

**• GS108**

- North America: GS108NA
- Europe - General: GS108GE
- UK: GS108UK
- Asia: GS108AU
- Japan: GS108-300JPS

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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.

<sup>†</sup>Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building material and construction, and network overhead, lower actual data throughput rate.

<sup>††</sup>Lifetime warranty for product purchased after 05/01/2007. For product purchased before 05/01/2007, warranty is 5 years.

D-GS105v3/GS108v3-4