

**Gigabit Power, 10/100 Simplicity**

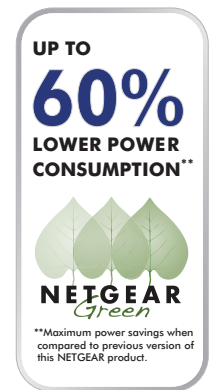
- Connects up to 10x faster than Fast Ethernet for maximum performance†
- Simple to combine Fast Ethernet and Gigabit devices in your network
- NETGEAR Green features provide energy savings
- Plug-and-play installation delivers ease of use

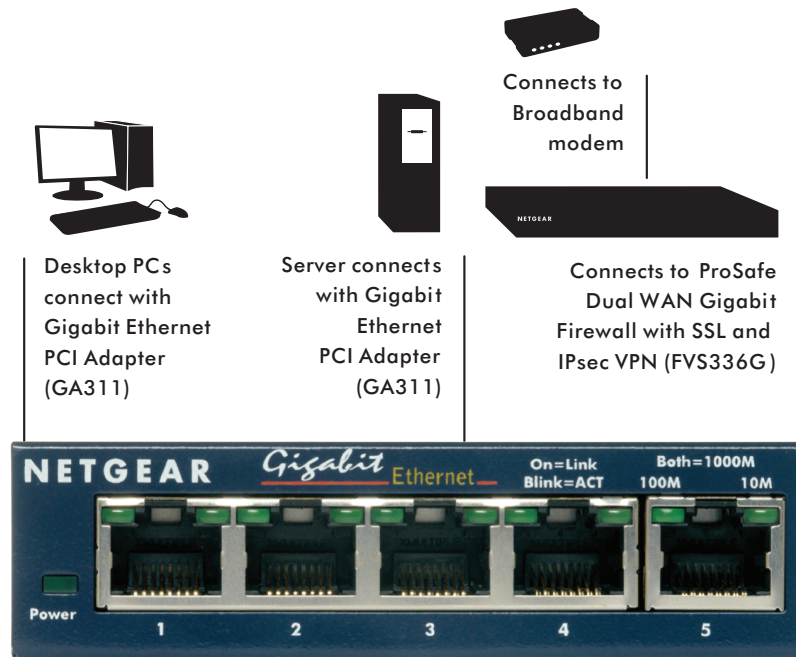
**Features**

- 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

**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††
- 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.

†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.

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