

Gigabit Power, 10/100 Simplicity

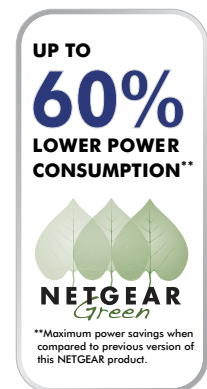
- Connects up to 10x faster than Fast Ethernet for maximum performance†
- Up to 60% lower power consumption¹
- Auto power-down mode saves energy when port is unused
- Simple to combine Fast Ethernet and Gigabit devices in your network
- Plug-and-play installation delivers ease of use

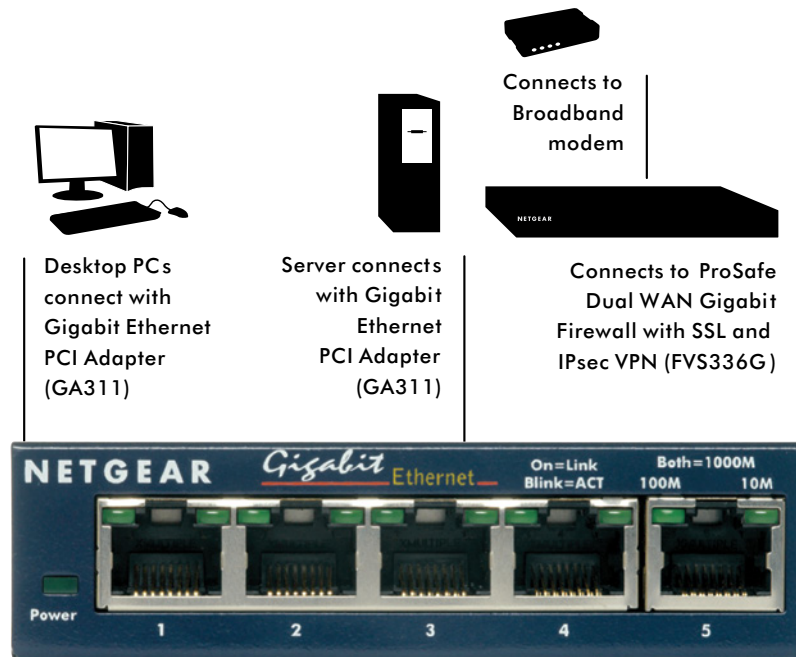
Features

- 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 consumption¹
- Auto power-down mode saves energy when port is unused
- Packaging manufactured with at least 80% recycled materials

**24/7**
TECHNICAL
SUPPORT*1-888-NETGEAR (638-4327)
Email: 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
- Latency (using 1500-byte packets):
 - 10 Mbps: 30µs (max)
 - 100 Mbps: 6µs (max)
 - 1000 Mbps: 4µs (max)
- 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
- Honors IEEE 802.1p and DSCP priority tags
- Jumbo frame: up to 9,720 bytes

• Safety Agency Approvals

- C-Tick, CE Mark

• Electromagnetic Compliance

- GS105: FCC Class B, VCCI Class B
- GS108: FCC Class B, VCCI class B, CE Class B

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
- Asia: GS105AU
- Japan: GS105A-300JPS

• GS108

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

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This product comes with a limited warranty, the acceptance of which is a condition of sale.

*Basic technical support provided for 90 days from date of purchase.

†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.