

Gigabit Power, 10/100 Simplicity



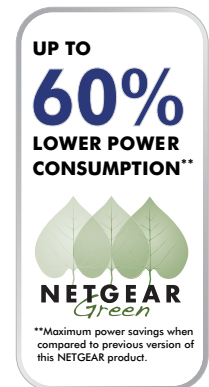
- Connects up to 10x faster than Fast Ethernet for maximum performance[†]
- Up to 60% lower power consumption¹
- Auto power-down mode saves energy when port is unused
- Simple to combine Fast Ethernet and Gigabit devices in your network
- Plug-and-play installation delivers ease of use

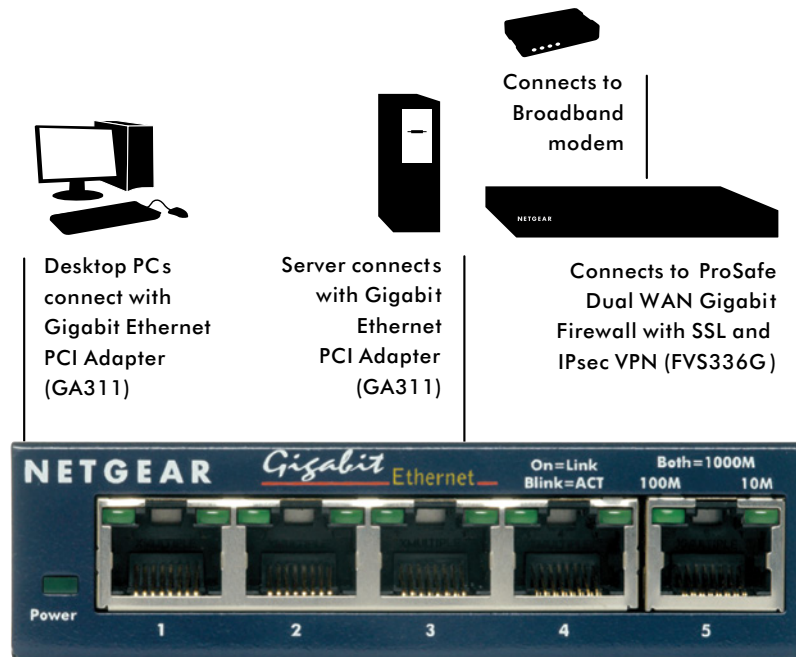
Features

- 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





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.