Manuals+ — User Manuals Simplified.

NETGEAR GS105 Gigabit Ethernet Unmanaged Switch Specifications And Datasheet

Contents

NETGEAR

NETGEAR GS105 Gigabit Ethernet Unmanaged Switch

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
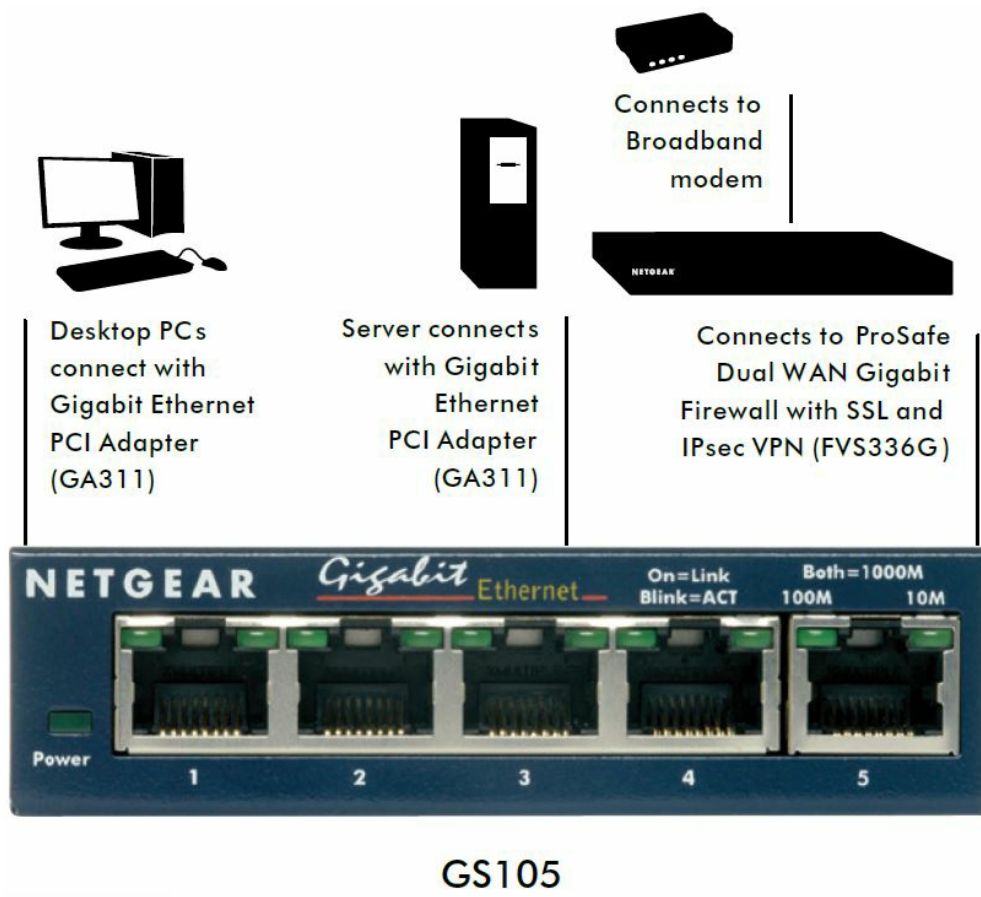
Features

- 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

Connectivity

Desktop PCs connect with Gigabit Ethernet PCI Adapter (GA311)

Server connects with Gigabit Ethernet PCI Adapter (GA311)

Connects to Broadband modem

Connects to ProSafe Dual WAN Gigabit Firewall with SSL and IPsec VPN (FVS336G)

GS105

Technical Specifications

Network Ports
—GS105: 5 auto-sensing UTP ports
• Forwarding Mode
—Store-and-forward
—GS105: 128 KB on-chip packet buffering
• Performance
—Bandwidth:
GS105: 10 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
• 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: 0º to 50º C
(32º to 122º F)
—Operating humidity: 10% to 90%
non-condensing
—Storage temperature: -20º to 70° C
(-4º to 158º 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,
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 24×7, 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

Support

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- 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 products purchased after 05/01/2007. For products purchased before 05/01/2007, the

    warranty is 5 years.

FAQ's

Reference: NETGEAR GS105 Gigabit Ethernet Unmanaged Switch – Device.report