



FS309T

Fast Ethernet Switch with Gigabit Port 9-port with 10/100/1000 Mbps

- *Help is there when you need it! NETGEAR provides free, 24x7 telephone and e-mail technical support in English, with selected local language support during office hours.*

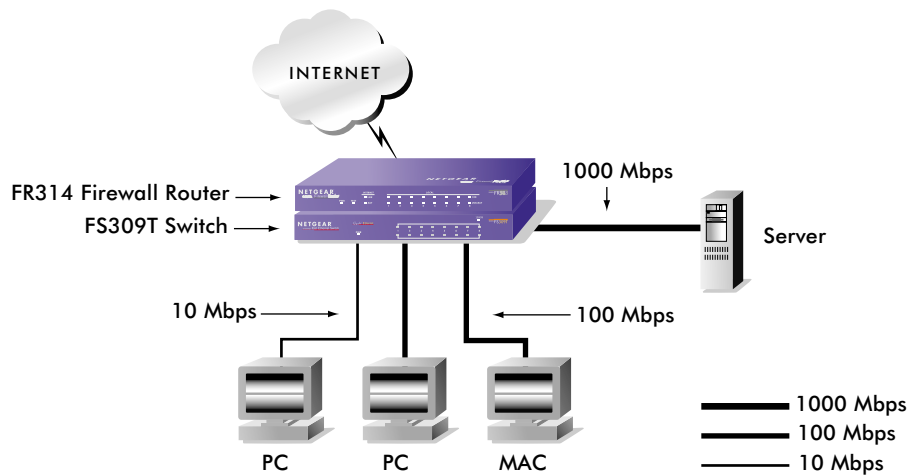
- Hang on – your network will soar when it's hooked up to NETGEAR's FS309T! This powerful switch connects at 1 Gbps over Category 5 cables and makes it easy to link as many as eight computers or peripherals to your server or network backbone. You'll experience wire-speed performance for maximum throughput. Eight switched 10/100 Mbps ports deliver 200 Mbps data transfer in full-duplex mode, while Auto Uplink™ on all nine ports automatically adjusts for straight-through or crossover cables. The FS309T's compact desktop case has LED indicators on the front for easy monitoring, and includes a locking slot for security. Installation into your office network couldn't be simpler and, once powered on, it begins operating—cool and silent without an internal fan.

- D y n a m i c** ● Copper Gigabit uplink connects your server or switch at 1 Gbps over Category 5 UTP cables for up to 300 feet (2 Gbps in full-duplex).

- U s e r - F r i e n d l y** ● Tabletop design that is ideal for small office users with Plug and Play installation, rear ports that reduce cable clutter, and front status LEDs for easy monitoring.

- R e s o u r c e f u l** ● All nine ports deliver automatic speed and duplex sensing, plus Auto Uplink,™ which adjusts for straight-through or crossover cables to make the right link.

- W e l l - D e s i g n e d** ● Sturdy, metal desktop case stacks neatly with most NETGEAR routers and features a locking slot to prevent theft. And the FS309T runs cool without a fan so it's quiet.



Technical Specifications

- **Network Protocol and Standards Capability:**

- IEEE 802.3i 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3x Flow Control

- **Data Rate:**

- 10 Mbps differential Manchester encoded IEEE 802.3
- 100 Mbps with 4B/5B encoding and MLT-3 physical interface for 1000BASE-T

- **Interface:**

- RJ-45 connector for 10BASE-T, 100BASE-TX and 1000BASE-T
- All ports have Auto Uplink (Auto MDI-X)

- **Power Consumption:**

- 3.7 W maximum

- **Physical Specifications:**

- 10" x 7" x 1.4" (253 mm 180 mm 35 mm)
- 2.8 lb (1.3 kg)

- **Status LEDs:**

- Power link, speed, activity duplex and collision on each port

- **Environmental Specifications:**

- Operating Temperature: 0° to 40°C
- Storage Temperature: -20° to 70°C
- Operating Relative Humidity: 90% non-condensing
- Acoustic noise: 0 dB

- **Performance Specifications:**

- Frame forward rate: Non-blocking, wire-speed frame forward rate
- Forwarding modes: Store-and-forward
- Network latency: Less than 80 microseconds for 64-byte frames in store-and-forward mode for 10 Mbps to 100 Mbps transmission
- Address database size: 4,000 media access control (MAC) addresses per system
- Addressing: 48-bit MAC address

- **Electromagnetic Emissions**

- Meets requirements of: CE mark, commercial
- FCC Part 15, Subpart B, Class A
- EN 55 022 (CISPR 22), Class A
- EN 55 024
- VCCI Class A
- TUV EN 60950

- **Electromagnetic Susceptibility**

- CE Mark, commercial
- Electrostatic discharge (ESD): IEC 801-2, Level 2/3
- Radiated electromagnetic field: IEC 801-3, Level 2

System Requirements

- Category 5 network cables
- Network card for each PC
- Network software (e.g., Windows)

Package Contents

- FS309T 9-port Fast Ethernet Switch with Gigabit Port
- Self-adhesive rubber footpads for desktop installation
- Wall Mount Kit
- AC power cord
- Warranty & Owner Registration Card
- The Installation Guide
- Support Information Card

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