NETGEAR®

SOHO Fast Ethernet Switches

#1
IN UNMANAGED, WEB,
& SMART SWITCHES*

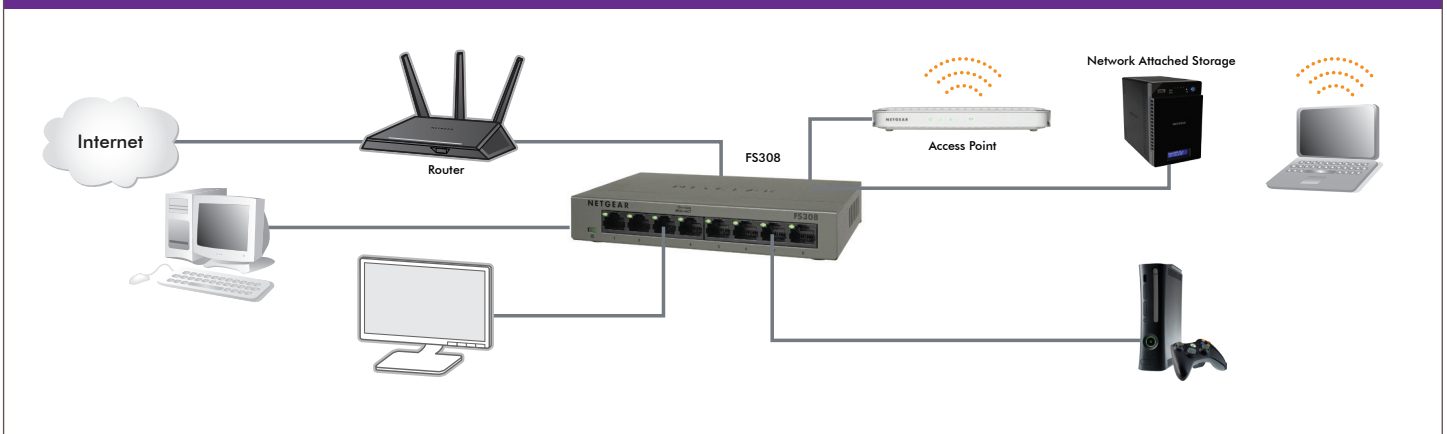*In North America Market Share
according to NPD, April 2015

Expanding Wired Connectivityfor SOHO Networks

NETGEAR 300 Series Fast Ethernet Unmanaged Switches provide easy, reliable, and affordable network connectivity for home and small offices. With these unmanaged plug-and-play switches, you can expand your network connections to multiple devices instantly.

- Auto-MDI/MDIX eliminates the need for crossover cables

- LED indicators for ease of use

- Energy-efficient technology for power savings

- Fanless design for silent operation

- Auto-negotiation for automatic connection at the highest common speed between switch and an end device

- Non-blocking switching architecture for maximum throughput at wire speed

- Plug-and-play; no setup required

- Durable and rugged metal case

- Desktop or wall-mountable

- Ideal for small office and home networks

- Standards-based technology ensures interoperability with any standards-based devices in the existing network

SMALL OFFICE/HOME OFFICE NETWORK DIAGRAM

SOHO Fast Ethernet Switches

FEATURES	FS305	FS308
10/100Mbps PORTS	5	8
ENCLOSURE	Metal	Metal
CONNECTOR TYPE	Plastic	Plastic
PERFORMANCE: Bandwidth Buffer Memory Jumbo Frames Forwarding Rate (using 64-byte packets) – 100Mbps Port Latency (using 64-byte packets) – 100Mbps Port (average) MAC Address Table Size	 1Gbps 48 KB 2,048 bytes 144,800 pps < 4.5 µsec 2K	 1.6Gbps 96 KB 2,048 bytes 144,800 pps < 4.5 µsec 2K
ENERGY EFFICIENCY: Energy Efficient Ethernet (IEEE 802.3az) Auto Power Down Short Cable Detection DC Input Power Consumption (Max and Standby) Power On/Off Switch Heat Dissipation (Max and Standby) BTU/Hr	 Yes Yes No 5V / 0.7A 1.8W / 0.7W No 6.16 BTU / 2.39 BTU	 Yes Yes No 5V / 0.7A 2.3W / 1.2W No 7.87 BTU / 4.10 BTU
PORT LEDS	Power, Link / Activity	Power, Link / Activity
PHYSICAL SPECIFICATIONS: Width x Depth x Height Weight	 101 x 94 x 29 mm 0.24 kg	 158 x 101 x 29 mm 0.36 kg
ENVIRONMENT: Operating Temperature Storage Temperature Operating Humidity Storage Humidity	0 ~ 40°C -20 ~ 70°C 90% maximum relative humidity, non-condensing 5% to 95% relative humidity	

STANDARDS

· 802.3u 100BASE-TX Fast Ethernet

· 802.3i 10BASE-T Ethernet IEEE

· 802.3x Flow Control

· 802.3 CSMA/CD

· 802.3az Energy Efficient Ethernet

WARRANTY*

· All except China/India:
  3-year warranty

· China/India:
  1-year warranty

FS305

FS308

Actual SKU availability may vary per region. Please check the local website for product availability.

* This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller, and modifications to product may void the warranty; see http://www.netgear.com/about/warranty/ for details. 24/7 basic technical support provided for 90 days from purchase date when purchased from a NETGEAR authorized reseller.

† NETGEAR #1 in US Market Share according to NPD data for Unmanaged and Web/Smart Switches, April 2015.