

Solid Network Performance for Growing Businesses

The popular NETGEAR FS100 series desktop switches, known for its reliability and performance, provide your LAN with high-speed, 10/100 Mbps auto-sensing connectivity for as many as 5, 8, or 16 users. Just plug in your Ethernet cables, connect a power cord, and you're ready to go—there's no software to configure. Engineered without the need for internal fans, they operate silently. And each of these very compact switches is housed in a sturdy metal case for years of dependable use.

When you want solid network performance for your growing business, plus the added benefit of quiet operation, the NETGEAR ProSAFE FS105, FS108, and FS116 are your best choices for quality, convenience, and smooth — running usability — all at very affordable prices.

Highlights

At Your Service

- Five, eight, or sixteen ports provide LAN access for many users. Every port supports up to 200 Mbps in dedicated bandwidth and traffic is forwarded flawlessly with automatic flow control.

Compact

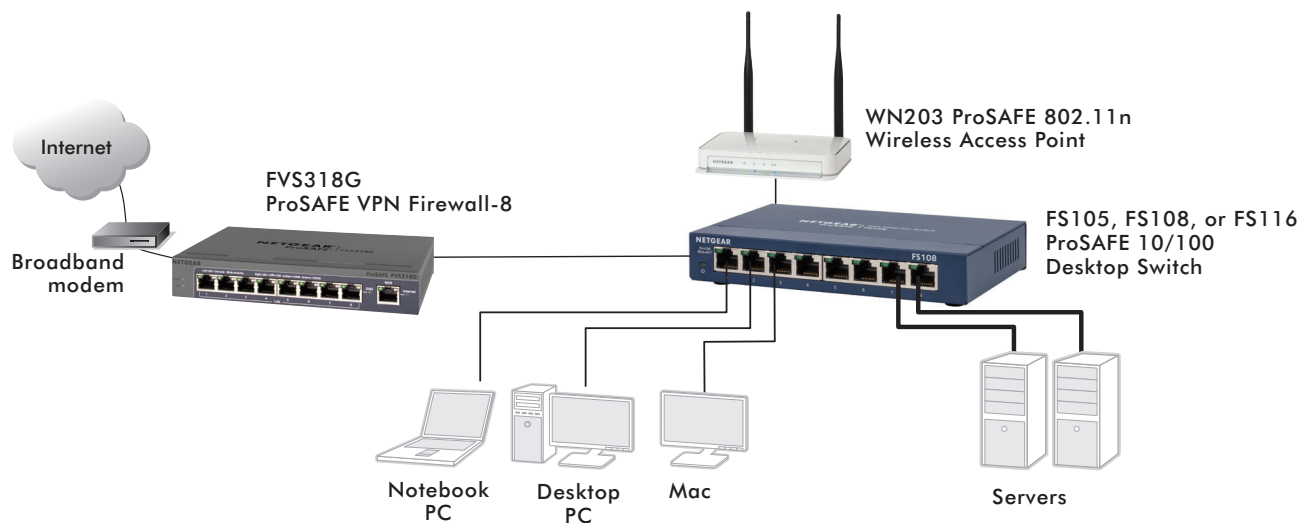
- Solidly built in small sizes that are easy to position when space is at a premium. Ideal for conference rooms, class rooms, study groups or small offices. Place it on any flat surface or use the included wall mount kit to tuck it out of the way.

Simple To Use

- Once you connect the hardware, your switch is operating! Auto negotiation takes care of the speed and duplex, while Auto Uplink takes care of the MDI/MDI-X connection.

Quiet

- No fan means no noise, which helps maintain a peaceful atmosphere in your busy office.



Technical Specifications

Network Ports

- FS105: Five (5) 10/100Mbps auto speed-sensing UTP ports
- FS108: Eight (8) 10/100Mbps auto speed-sensing UTP ports
- FS116: Sixteen (16) 10/100Mbps auto speed-sensing UTP ports

Standards Compliance

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE 802.3x Full-duplex Flow Control

Performance Specifications

Forwarding modes

- Store-and-forward

Bandwidth

- FS105: 1Gbps,
FS108: 1.6Gbps
FS116: 3.2Gbps

Network latency

- Less than 20 μ s for 64-byte frames in store-and-forward mode for 100 Mbps to 100 Mbps transmission

Buffer memory

- FS105: 64 KB
FS108: 96 B
FS116: 512 KB

Address database size

- FS105: 2,000
FS108: 2,000
FS116: 4,000

Addressing:

- 48-bit MAC address

Mean time between failures (MTBF)

- FS105: 4.2M hours
FS108: 4.0M hours
FS116: 4.0M hours

Acoustic Noise

- 0 dB

Environmental Specifications

Operating temperature

- FS105, FS108:
32 to 104°F (0 to 40°C)
- FS116: 32 to 122°F (0 to 50°C)

Storage temperature

- 14° to 158°F (-10° to 70°C)

Operating humidity

- 90% maximum relative humidity, non-condensing

Storage humidity

- 95% maximum relative humidity, non-condensing

Operating altitude

- 10,000ft (3,000m) maximum

Storage altitude:

- 10,000ft (3,000m) maximum

Safety Agency Approvals

- UL listed (UL 1950)/cUL
- IEC 950/EN 60950
- RU EAC

Status LEDs

- Power
- Link and activity indicators built into each
- RJ-45 port

Electromagnetic Emissions

- CE mark, commercial
- FS105, FS108: FCC part 15 Class B
- FS116: FCC part 15 Class A
- EN 55022 (CISPR22), Class A
- VCCI Class A (FS116)
- C-Tick
- RU EAC

AC Power

- Auto-sensing 100 to 240V, 50/60Hz
- Localized plug for North America, Japan, UK, Europe, Australia
- FS105: 0.9W maximum
- FS108: 1.0W maximum
- FS116: 5.5W maximum

Physical Specifications

Dimensions (H x W x D):

FS105

- 94 x 101 x 27mm
(3.7 x 4.0 x 1.1in)
- Weight: 0.26kg (0.57lb)

FS108

- 158 x 103 x 27mm
(6.2 x 4.1 x 1.1in)
- Weight: 0.39kg (0.86lb)

FS116

- 285 x 102 x 27mm
11.2 x 4.0 x 1.1in
- Weight: 0.80kg (1.8lb)

System Requirements

- Network Cables
- Network card for each PC or server
- Network software (e.g., Windows®, Linux®, Mac OS®)

Warranty

- Switch: NETGEAR Lifetime Warranty*
- Power adapter: NETGEAR 2-year Warranty

Technical Specifications

ProSupport Service Packs Available

OnCall 24x7, Category 1

- PMB0331-100 (US)
- PMB0331 (non-US)

Package Contents

- 10/100 Desktop Switch (FS105, FS108 or FS116)
- Wall-mount kit
- AC adapter
- Quick Installation Guide
- Warranty/support information card

Ordering Information

North America

- FS105NA
- FS108NA
- FS116NA

Europe - General

- FS105-300PES
- FS108-300PES
- FS116GE

Europe - UK

- FS105-300UKS
- FS108-300UKS

* 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; covers hardware, fans, and internal power supplies—not software or external power supplies; see <http://www.netgear.com/about/warranty/> for details. Lifetime technical support includes basic phone support for 90 days from purchase date and lifetime online chat support when purchased from a NETGEAR authorized reseller.

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