

Solid Network Performance for Growing Businesses

The popular NETGEAR FS100 series desktop switches, known for its reliability and performance, provide your LAN with basic 10/100 Mbps auto-sensing connectivity for as many as 5, 8, or 16 users or devices. Just plug in your Ethernet cables, connect a power adapter, and you're ready to go—there's no software to configure. Fanless for silent operation, 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 FS105v3, FS108v3, 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

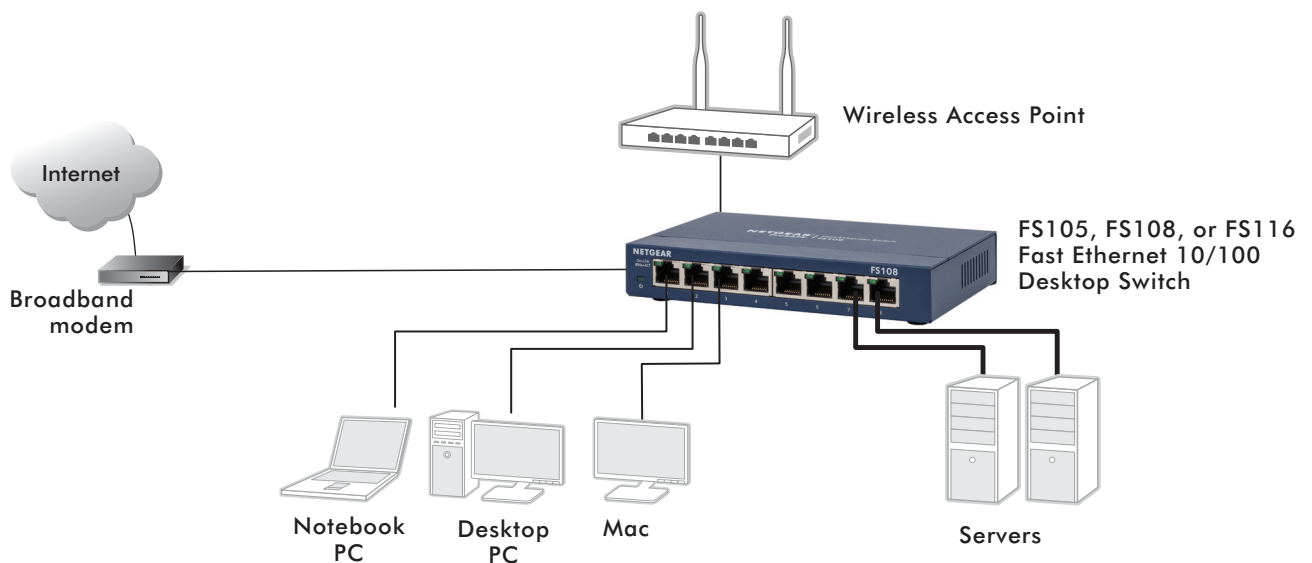
- Solidly built in small sizes that are easy to position when space is at a premium. Ideal for conference rooms, class rooms, study groups or small offices. Place it on any flat surface or use the included wall mount kit to tuck it out of the way.

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.



Hardware At A Glance

		FRONT	REAR
Model Name	Form-Factor	10/100 Base-T RJ45 ports	Power Supply
FS105v3	Desktop, wall mount	5	External Power Adapter, 12V DC, 0.5A (6W)
FS108v3	Desktop, wall mount	8	External Power Adapter, 12V DC, 0.5A (6W)
FS116	Desktop, wall mount	16	External Power Adapter, 12V DC, 1A (12W)

Technical Specifications

PRODUCT	FS105v3	FS108v3	FS116
PRODUCT SPECIFICATIONS			
100Mbps ports	5	8	16
Max MAC entries	2K	2K	8K
Buffer size	48KB	96KB	160KB
POE SUPPORT			
802.3af PoE Ports	N/A	N/A	N/A
802.3at PoE+/PoE Ports	N/A	N/A	N/A
PoE Max Power Per Port	N/A	N/A	N/A
Total PoE Power Budget	N/A	N/A	N/A
PERFORMANCE SPECIFICATION			
Forwarding modes	Store-and-forward		
Bandwidth	1 Gbps	1.6 Gbps	3.2 Gbps
Network Latency	Less than 20 μ s for 64-byte frames in store-and-forward mode for 100Mbps transmission		
Addressing	48-bit MAC address to 100 Mbps transmission		
Mean time between failures (MTBF)	4.2M hours	4.0M hours	4.0M hours
Acoustic noise (ANSI-S10.12)	0 dBA (fanless)		
QUALITY OF SERVICE (QOS)			
DSCP	Yes		
IEEE 802.1p COS	Yes		
Queue WRR Ratio	1:2:4:8	1:2:4:8	1:4
IEEE NETWORK PROTOCOLS			
IEEE 802.3u 100BASE-TX Fast Ethernet	Yes		
IEEE 802.3i 10BASE-T Ethernet	Yes		
IEEE 802.3x Flow Control	Yes		
IEEE 802.3az (Energy Efficient Ethernet)	Yes	Yes	No

Technical Specifications

PRODUCT	FS105v3	FS108v3	FS116
LEDs			
Per port	Speed, Link/Activity		
Per device	Power Status		
PHYSICAL SPECIFICATIONS			
Dimensions (W x D x H)	94 x 100 x 27mm (3.7 x 3.9 x 1.1in)	158 x 101 x 27mm (6.2 x 4.0 x 1.1in)	285 x 102 x 27mm 11.2 x 4.0 x 1.1in
Weight	0.26kg (0.57lb)	0.39kg (0.86lb)	0.80kg (1.83lb)
POWER SPECIFICATIONS			
Power Consumption (when all ports used, line-rate traffic)	0.9W	1.01W	5.46W
ENVIRONMENTAL SPECIFICATIONS			
Operating			
Operating Temperature	32° to 104°F (0° to 40°C)		
Humidity	90% maximum relative humidity, non-condensing		
Altitude	10,000ft (3,000m) maximum	10,000ft (3,000m)	6,561ft (2000m) maximum
Storage			
Storage Temperature	-40 to 158°F (-40° to 70°C)		
Humidity	95% maximum relative humidity, non-condensing		
Altitude	10,000ft (3,000m) maximum	10,000ft (3,000m)	6,561ft (2000m) maximum
Electromagnetic Emissions	FCC part 15 Class B EN 55032:2012/AC:2013, Class B EN 55024:2010		FCC part 15 Class A EN 55032:2012/AC:2013, Class A EN 55024:2010
Safety Agency Approvals	CB Report/ Certificate EAC certificate		
WARRANTY AND SUPPORT*			
Hardware Warranty	Lifetime (switch); 2-years (power adapter)		
Online Chat Support	Lifetime		
Next Business Day Replacement	Lifetime		
Technical Support (online, phone)	90 days free from date of purchase*		
ProSUPPORT OnCall 24x7 Service Plans	PMBOS11 (1 yr.) PMBOS31 (3 yrs.) PMBOS51 (5 yrs.)	PMBOS11 (1 yr.) PMBOS31 (3 yrs.) PMBOS51 (5 yrs.)	PMBOS12 (1 yr.) PMBOS32 (3 yrs.) PMBOS52 (5 yrs.)

Ordering Information

PACKAGE CONTENT	
All models	10/100 Desktop Switch (FS105v3, FS108v3 or FS116)
	Power adapter (localized to country of sale)
	Wall-mount kit
	Quick Install Guide
ORDERING INFORMATION	
FS105NA	North America
FS105-300PES	Europe
FS105-300UKS	UK
FS108NA	North America
FS108-300PES	Europe
FS108-300UKS	UK
FS116NA	North America
FS116GE	Europe
PROSUPPORT EXTENDED SUPPORT CONTRACTS	
PMB0S11-10000S	1-Year OnCall 24x7 Support Plan**
PMB0S31-10000S	3-Year OnCall 24x7 Support Plan**
PMB0S51-10000S	5-Year OnCall 24x7 Support Plan**

* 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.

** The NETGEAR OnCall 24x7 contract provides unlimited phone and email technical support for your networking product. For ProSAFE products purchased prior to 06/2014, also includes Next Business Day (NBD) hardware replacement.

† NETGEAR #1 in US Market Share according to NPD data for Unmanaged and Web/Smart Switches, June 2018. NETGEAR #1 in Europe Market Share according to Context data for Unmanaged and Web/Smart Switches, June 2018.

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