

# NETGEAR®

Connect with Innovation™

## 200 and 300 Series Unmanaged Switches

Desktop Switches designed  
for homes and small offices



PLUG-AND-PLAY



AUTO UPLINK



ELEGANT AND RELIABLE



GREEN ETHERNET

The NETGEAR 200 and 300 Series Unmanaged Switches provide easy and affordable network connectivity to home and small offices. They are easy to use and reliable. With these Plug-N-Play switches, you can expand your network connections to multiple devices instantly. The 200 and 300 series also support the efficient use of energy, helping you save power and money.

- Choice of Fast Ethernet and Gigabit Ethernet connectivity
- Available in plastic or metal enclosures
- Energy-efficient technology for power savings
- Auto-MDI/MDIX eliminates the need for crossover cables
- Non-blocking switching architecture for maximum throughput at wire speed
- Auto-negotiation for automatic connection at the highest common speed between switch and an end device.
- Fan-less design for quiet operation



# MODELS AND SPECIFICATIONS

## Models for Home Network:



FEATURES	FS205	FS208	GS205	GS208
Ordering SKU	FS205-100PES FS205-100UKS	FS208-100PES FS208-100UKS	GS205-100PES GS205-100UKS	GS208-100PES GS208-100UKS
<b>PORT CONFIGURATION</b>				
10/100 Ports (Auto Uplink)	5	8		
10/100/1000 Ports (Auto Uplink)			5	8
<b>SCALABILITY</b>				
# MAC Addresses	2000	1000	4000	4000
<b>PERFORMANCE</b>				
Switching Capacity	1Gbps	1.6Gbps	10Gbps	16Gbps
Buffer Memory	48KB	96KB	128KB	192KB
Jumbo Frames	NA	NA	9720 bytes	9720 bytes
<b>ENERGY EFFICIENCY</b>				
IEEE802.3az (Energy Efficient Ethernet)	✓		✓	✓
Auto Power Down	✓	✓	✓	✓
Short Cable Detection	✓	✓	✓	✓
DC Inputs (V/A)	12V/0.5A (PRS) 12/1A (UK&PE)	12V/0.5A (PRS) 12/1A (UK&PE)	12V/0.5A (PRS) 12/1A (UK&PE)	12V/0.5A (PRS) 12/1A (UK&PE)
Power Consumption (Max and Standby)	2.06W/2.30W	2.28W/2.70W	3.55W/3.56W	3.55W/3.64W
Heat Dissipation (Standby and Max.)	7.05BTU/7.87BTU	7.78BTU/9.23BTU	12.14BTU/12.18BTU	12.14BTU/12.45BTU
<b>PHYSICAL</b>				
Desktop/Rackmount			Desktop	
Metal/Plastic Enclosure			Plastic	
MTBF	533,000 hours	742,000 hours	343,100 hours	332,000 hours
Acoustic Noise			0dB	
Fan			None	
LED Indicator			Power, Link/Activity	
Width x Depth x Height	10 x 71 x 26 mm	152 x 93 x 26 mm	114 x 86 x 26 mm	152 x 93 x 26 mm
Weight	0.1Kg	0.17Kg	0.12Kg	0.19Kg
Electromagnetic Compliance			CCC, CE,CB	
<b>WARRANTY</b>				
Hardware			2 year	
Power Supply			1 year	
<b>ENVIRONMENT</b>				
Operating Temperature			0 ~ 40° C	
Storage Temperature			-20 ~ 70° C	
Operating Humidity			90% maximum relative humidity, non-condensing	
Storage Humidity			10% to 95% relative humidity	
<b>STANDARDS SUPPORTED</b>				
802.3ab 1000BASE-T Gigabit Ethernet   802.3u 100BASE-TX Fast Ethernet   802.3 10BASE-T Ethernet IEEE 802.3az, Energy Efficient Ethernet   802.3z Gigabit Ethernet   802.3x flow control, 802.1p priority				

# MODELS AND SPECIFICATIONS

## Models for Small Business:



FEATURES	FS305 Series	FS308 Series	GS308 Series
Ordering SKU	FS305-100PES FS305-100UKS	FS308-100PES FS308-100UKS	GS308-100PES GS308-100UKS
<b>PORT CONFIGURATION</b>			
10/100 Ports (Auto Uplink)	5	8	
10/100/1000 Ports (Auto Uplink)			8
<b>SCALABILITY</b>			
# MAC Addresses	2000	1000	4000
<b>PERFORMANCE</b>			
Bandwidth	1Gbps	1.6Gbps	16G
Buffer Memory	48KB	96KB	192KB
Jumbo Frames	NA	NA	9720 bytes
<b>ENERGY EFFICIENCY</b>			
IEEE802.3az (Energy Efficient Ethernet)	✓		✓
Auto Power Down	✓	✓	✓
Short Cable Detection	✓	✓	✓
DC Inputs (V/A)	12V/0.5A (PRS) 12/1A (UK&PE)	12V/0.5A (PRS) 12/1A (UK&PE)	12V/0.5A (PRS) 12/1A (UK&PE)
Power Consumption (Max and Standby)	2.12W/2.30W	2.36W/2.70W	3.60W/3.84W
Heat Dissipation (Standby and Max.)	7.25BTU/7.87BTU	8.07BTU/9.23BTU	12.31BTU/13.13BTU
<b>PHYSICAL</b>			
Desktop/Rackmount		Desktop, Wall Mounting	
Metal/Plastic Enclosure		Metal	
MTBF	500,000 hours	646,000 hours	386,500 hours
Acoustic Noise		0dB	
Fan		None	
LED Indicator		Power, Link/Activity	
Width x Depth x Height	102 x 94 x 26 mm	158 x 102 x 26 mm	158 x 102 x 26 mm
Weight	0.24Kg	0.44Kg	0.4Kg
Electromagnetic Compliance		CCC, CE, CB	
<b>WARRANTY</b>			
Hardware		3 year	
Power Supply		2 year	
<b>ENVIRONMENT</b>			
Operating Temperature		0 ~ 40° C	
Storage Temperature		-20 ~ 70° C	
Operating Humidity		90% maximum relative humidity, non-condensing	
Storage Humidity		10% to 95% relative humidity	
<b>STANDARDS SUPPORTED</b>			
802.3ab 1000BASE-T Gigabit Ethernet   802.3u 100BASE-TX Fast Ethernet   802.3 10BASE-T Ethernet IEEE 802.3az, Energy Efficient Ethernet   802.3z Gigabit Ethernet   802.3x flow control, 802.1p priority			