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
PORT CONFIGURATION				
10/100 Ports (Auto Uplink)	5	8		
10/100/1000 Ports (Auto Uplink)			5	8
SCALABILITY				
# MAC Addresses	2000	1000	4000	4000
PERFORMANCE				
Switching Capacity	1Gbps	1.6Gbps	10Gbps	16Gbps
Buffer Memory	48KB	96KB	128KB	192KB
Jumbo Frames	NA	NA	9720 bytes	9720 bytes
ENERGY EFFICIENCY				
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
PHYSICAL				
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			
WARRANTY				
Hardware	2 year			
Power Supply	1 year			
ENVIRONMENT				
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			
STANDARDS SUPPORTED				

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
PORT CONFIGURATION			
10/100 Ports (Auto Uplink)	5	8	
10/100/1000 Ports (Auto Uplink)			8
SCALABILITY			
# MAC Addresses	2000	1000	4000
PERFORMANCE			
Bandwidth	1Gbps	1.6Gbps	16G
Buffer Memory	48KB	96KB	192KB
Jumbo Frames	NA	NA	9720 bytes
ENERGY EFFICIENCY			
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
PHYSICAL			
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		
WARRANTY			
Hardware	3 year		
Power Supply	2 year		
ENVIRONMENT			
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		
STANDARDS SUPPORTED			
	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		

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