

NETGEAR MS305E Unmanaged 2.5G Ethernet (100/1000/2500) Black



Brand : NETGEAR

Product code: MS305E-100NAS

Product name : MS305E

5-Port, 2.5 G, 5.6 W, 158 x 101 x 27 mm, 450 g

NETGEAR MS305E Unmanaged 2.5G Ethernet (100/1000/2500) Black:

NETGEAR 5-port 2.5G Multi-Gigabit Ethernet Plus Switch

MULTI-GIGABIT ETHERNET

5 ports provide up to 2.5 Gbps of dedicated, non-blocking bandwidth each
NON-BLOCKING SWITCHING
25Gbps (10/100/1000 Mbps) line rate fabric ensures congestion-free connectivity to your devices

AUTO-NEGOTIATION

Automatic connection at the highest common speed between the switch and an end device

FANLESS DESIGN

Silent operation makes this switch perfect for noise-sensitive environments

VERSITILE MOUNTING OPTIONS

Install your switch on your desktop or mount it to your wall with the hardware provided in the box

ENERGY EFFICIENT

Energy Efficient Ethernet (IEEE 802.3az) standard, which reduces energy consumption when there is light traffic on an active port or when there is no link or no activity detected

Management features		Design	
Switch type *	Unmanaged	Number of fans	0 fan(s)
Quality of Service (QoS) support	✓	Performance	
Ports & interfaces		Noise level	0 dB
Basic switching RJ-45 Ethernet ports quantity *	5	Fanless	✓
Basic switching RJ-45 Ethernet ports type *	2.5G Ethernet (100/1000/2500)	Mean time between failures (MTBF)	4273003 h
Network		Power	
Networking standards *	IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3az, IEEE 802.3bz, IEEE 802.3u, IEEE 802.3x	Power source *	DC
10G support *	✗	Power supply included *	✓
Full duplex	✓	DC input voltage	12 V
Half duplex	✓	Input current	1 A
Auto MDI/MDI-X	✓	Input voltage	12 V
Head-of-line (HOL) blocking	✓	Power consumption (max)	5.6 W
Ethernet LAN data rates	100,1000,2500 Mbit/s	Power over Ethernet (PoE)	
Cable length detection	✓	Power over Ethernet (PoE) *	✗
Data transmission		Other features	
Switching capacity *	40 Gbit/s	Warranty period	5 year(s)
Forwarding rate	3.72 Mpps	Operational conditions	
MAC address table *	16000 entries	Operating temperature (T-T)	0 - 40 °C
Latency (1 Gbps)	4.9 µs	Storage temperature (T-T)	-20 - 70 °C
Jumbo frames support	✓	Operating relative humidity (H-H)	0 - 90%
Jumbo frames	12288	Storage relative humidity (H-H)	0 - 95%
Packet buffer memory	1 MB	Operating altitude	0 - 3000 m
		Weight & dimensions	
		Width	158 mm
		Depth	101 mm
		Height	27 mm

Design		Weight & dimensions	
Rack mounting *	✗	Weight	450 g
Stackable *	✗	Certificates	
Product colour	Black	Compliance certificates	CCC, Low Voltage Directive (LVD)
Housing material	Metal		
LED indicators	✓		
Wall mountable	✓		



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