

## NETGEAR GSM4212P-111EUS verkkokytkin Hallittu L2/L3 Gigabit Ethernet (10/100/1000) Power over Ethernet -tuki 1U musta

**Tuotemerkki :** NETGEAR

**Tuotekoodi:** GSM4212P-111EUS

**Tuotteen nimi :** GSM4212P-111EUS

NETGEAR GSM4212P-111EUS. Kytkin tyyppi: Hallittu, Kytinkerros: L2/L3. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: Gigabit Ethernet (10/100/1000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 10. Täysin kaksipuolinen. MAC-osoitetaulukko: 16000 entries, Kytkentäkapasiteetti: 24 Gbit/s. Verkkostandardit: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE.... Power over Ethernet -tuki. Telineasennus, Kotelo: 1U



Management features		Multicast features	
Switch type *	Managed	IPv6 multicast entries	2000
Switch layer	L2/L3	<b>Design</b>	
Quality of Service (QoS) support	✓	Rack mounting *	✓
<b>Ports &amp; interfaces</b>		Form factor	1U
Basic switching RJ-45 Ethernet ports quantity *	10	Product colour	Black
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	LED indicators	PoE, Power, Status
SFP module slots quantity	2	<b>Performance</b>	
<b>Network</b>		Built-in processor	✓
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, IEEE 802.3x	Processor model	ARM Cortex-A9
		Processor frequency	1250 MHz
10G support *	✗	Internal memory	2048 MB
Full duplex	✓	Noise level	30.06 dB
Link aggregation	✓	Mean time between failures (MTBF)	778769 h
Broadcast storm control	✓	<b>Power over Ethernet (PoE)</b>	
Rate limiting	✓	Power over Ethernet (PoE) *	✓
Spanning tree protocol	✓	Power over Ethernet plus (PoE+) ports quantity	8
VLAN support	✓	Power over Ethernet (PoE) power per port	30 W
Virtual LAN features	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Total Power over Ethernet (PoE) budget	150 W
Number of VLANs	4093	<b>Operational conditions</b>	
<b>Data transmission</b>		Operating temperature (T-T)	0 - 50 °C
Switching capacity *	24 Gbit/s	Storage temperature (T-T)	-20 - 70 °C
Throughput	17.86 Mpps	Operating relative humidity (H-H)	0 - 90%
MAC address table *	16000 entries	Storage relative humidity (H-H)	0 - 95%
Store-and-forward	✓	Operating altitude	0 - 3000 m
Latency (1 Gbps)	2.27 µs	Non-operating altitude	0 - 3000 m
		Heat dissipation	559.555 BTU/h
		<b>Weight &amp; dimensions</b>	
		Width	440 mm
		Depth	200 mm
		Height	43.2 mm

Security		Weight & dimensions	
DHCP features	DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping	Weight	2.85 kg
Access Control List (ACL)	✓	Packaging content	
IGMP snooping	✓	User guide	✓
SSH/SSL support	✓	Manual	✓
Loop protection	✓		
BPDU filtering/protection	✓		
Authentication	MAC-based authentication		
Authentication type	RADIUS		
Multicast features			
Multicast support	✓		
IPv4 multicast entries	2000		



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