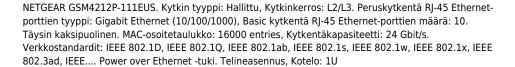# NETGEAR GSM4212P-111EUS verkkokytkin Hallittu L2/L3 Gigabit Ethernet (10/100/1000) Power over Ethernet -tuki 1U musta

Tuotemerkki : NETGEAR

Tuotekoodi: GSM4212P-111EUS

Tuotteen nimi : GSM4212P-111EUS

NETGEAR GSM4212P-111EUS. Kytkin tyyppi: Hallittu, Kytkinkerros: 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

Switch type *	Managed
Switch layer	L2/L3
Quality of Service (QoS) support	✔

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	10
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)
SFP module slots quantity	2

Network

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
10G support *	✘
Full duplex	✔
Link aggregation	✔
Broadcast storm control	✔
Rate limiting	✔
Spanning tree protocol	✔
VLAN support	✔
Virtual LAN features	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN
Number of VLANs	4093

Data transmission

Switching capacity *	24 Gbit/s
Throughput	17.86 Mpps
MAC address table *	16000 entries
Store-and-forward	✔
Latency (1 Gbps)	2.27 µs

Multicast features

IPv6 multicast entries	2000

Design

Rack mounting *	✔
Form factor	1U
Product colour	Black
LED indicators	PoE, Power, Status

Performance

Built-in processor	✔
Processor model	ARM Cortex-A9
Processor frequency	1250 MHz
Internal memory	2048 MB
Noise level	30.06 dB
Mean time between failures (MTBF)	778769 h

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✔
Power over Ethernet plus (PoE+) ports quantity	8
Power over Ethernet (PoE) power per port	30 W
Total Power over Ethernet (PoE) budget	150 W

Operational conditions

Operating temperature (T-T)	0 - 50 °C
Storage temperature (T-T)	-20 - 70 °C
Operating relative humidity (H-H)	0 - 90%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	0 - 3000 m
Non-operating altitude	0 - 3000 m
Heat dissipation	559.555 BTU/h

Weight & dimensions

Width	440 mm
Depth	200 mm
Height	43.2 mm

Security

DHCP features	DHCP Option 82, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 relay, DHCPv6 server, DHCPv6 snooping
Access Control List (ACL)	✔
IGMP snooping	✔
SSH/SSL support	✔
Loop protection	✔
BPDU filtering/protection	✔
Authentication	MAC-based authentication
Authentication type	RADIUS

Multicast features

Multicast support	✔
IPv4 multicast entries	2000

Weight & dimensions

Weight	2.85 kg

Packaging content

User guide	✔
Manual	✔

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