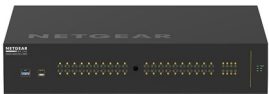**NETGEAR**

NETGEAR GSM4248UX Managed L2/L3/L4 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 2U Black

Brand : NETGEAR

Product name : GSM4248UX

Product code: GSM4248UX-100NAS

AV Line M4250-40G8XF-PoE++ (GSM4248UX) 40x1G PoE++ 2,880W and 8xSFP+ Managed Switch

NETGEAR GSM4248UX Managed L2/L3/L4 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 2U Black:

Switching engineered for 1G AV over IP with rear-facing ports ensuring a clean integration in AV racks. Pre-configured for out of the box functionality!

Pre-configured for out-of-the-box use
NETGEAR IGMP Plus enables instant multicast functionality for most AV over IP installations

Dedicated AV web-based GUI interface
Unique interface designed for the AV professional with color-coded, port-based profiles

Profiles for common audio protocols
Quickly assign profiles to ports for Dante, AES67, and AVB audio configurations. AVB Requires a separate license

Video profiles built-in
Special profiles for NVX, SVSI, Q-SYS and Dante video profiles can be easily assigned to ports as needed

Unique Automatic Configuration
Auto-trunk and auto-lag functionality automatically configures other M4250 switches for use in star topology.

Management features

Switch type *	Managed
Switch layer	L2/L3/L4
Quality of Service (QoS) support	✔
Web-based management	✔

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	40
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)
SFP+ module slots quantity	8
Console port	RJ-45/USB Type-C

Network

Networking standards *	IEEE 802.1Qav, IEEE 802.1ak, IEEE 802.1as, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3bt
10G support *	✔
VLAN support	✔
Virtual LAN features	Private VLAN
Number of VLANs	4000

Data transmission

Switching capacity *	240 Gbit/s
Throughput	178.56 Mpps
MAC address table *	16000 entries
Latency (1 Gbps)	2.78 µs
Latency (10 Gbps)	0.73 µs
Jumbo frames support	✔
Jumbo frames	12000

Security

IGMP snooping	✔
Security algorithms	SNMP

Multicast features

Multicast support	✔

Design

Rack mounting *	✔
Form factor	2U
Product colour	Black
LED indicators	✔

Performance

Noise level	71 dB

Power

Power source *	PoE

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✔
Power over Ethernet plus (PoE+) ports quantity	40
Power over Ethernet (PoE) power per port	90 W
Total Power over Ethernet (PoE) budget	2880 W

Weight & dimensions

Width	440 mm
Depth	350 mm
Height	86.4 mm
Weight	10.3 kg

Security		Packaging content	
DHCP features	DHCP relay, DHCP server, DHCPv6 server	Quick start guide	✔
		Rack mount kit	✔

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Catalog Object Cloud