M4250-16XF

M4250−26G4F−PoE+ is a NETGEAR managed switch designed for 1Gb AVoIP deployments. It is out−of−the−box preconfigured for the KDS−7 encoders and decoders with zero configuration and is fully scalable.

It features 16 SFP+ ports. It has a front black display panel with status and is possible to reverse mount with ports in the front. The software−controlled fan adjustments enable the choice of fanless, quiet or cool operations. A wide range of management features are available for IT admins via an easy−to−use web console and a dedicated AV web−based interface at [switch IP address:8080] for AV installations

FEATURES

The NETGEAR M4250 series ranges from 8 to 48 ports with a variety of PoE+ and Ultra90 PoE++ options for 15.4W, 30W, 60W, 75W and 90W AVoIP endpoints

Uplink options include 1G for audio installations or standalone video installations as well as 10G uplinks for larger scale video deployments

Also includes 12-port multi-gigabit Ethernet and 16-port 1G/10G fiber models for plug and play aggregation in a star topology

Designed for a clean integration with traditional, rack-mounted, AV equipment

A second pair of rackmount ears allows the switches to be mounted recessed by 2-inches to allow for the cabling

Threaded holes on the bottom (4xM5 for 50x100mm VESA) and in front (1xM10 for clamps) allow for universal mounting options outside the rack as well

For audio, profiles for Dante, Q-SYS and AES67 are built-in, as well as an AVB profile (AVB license sold separately)

To further simplify star deployments, NETGEAR IGMP Plus™ brings multicast automation between all M4250 switches, and with M4300/M4500

Auto-Trunk and Auto-LAG simply connect M4250 switches together

All M4250 switches share the same high-end NETGEAR Layer 2 / Layer 3 switching engine for a consistent experience

All switches in the M4250 series have another main, IT web-based GUI for midsize Enterprise campus networks, IoT and IPTV

Additional features include static, RIP and PIM-SM, DM and SSM multicast routing, DHCP Server and PTPv2 Transparent Clock (1-step E2E)

Efficient authentication tiering with successive DOT1X, MAB and Captive Portal methods for streamlined BYOD

Comprehensive IPv4/IPv6 static and dynamic routing including Policy-based routing and 6-to-4 tunneling

Advanced IPv4/IPv6 security implementation including malicious code detection, DHCP Snooping, IP Source Guard protection and DoS attacks mitigation

TECHNICAL SPECIFICATIONS

Ports	Auto-sensing SFP+ 1000/10GBASE-X: 16
	10G Ports: 16
	Console Ports: Serial RS-232 RJ45 (rear); USB-C (rear)
	Service Port (Out-of-band Ethernet): 1 x RJ45 10/100/1000BASE-T (rear)
	Storage Port: 1 x USB-A (front)
Power	Fixed Power Supply: 1 internal PSU (C14 inlet) with 1 on/off switch
Cooling	Fixed Fans: Side-to-side airflow
Indication LEDs	Per Port: Speed, Link, Activity, PoE
	Per Device: Power, Fan
General	Physical Dimensions: 44cm x 20cm x 4.32cm (17.32" x 7.87" x 1.7") W,D,H
	Shipping Dimensions: 52.6cm x 26.2cm x 11.7cm (20.7" x 10.31" x 4.6") W,D,H
	Product Weight: 1.74kg (3.83lbs)
	Shipping Weight: 4.62kg (10.18lbs)
Product Dimensions	44.00cm x 20.00cm x 4.32cm (17.32" x 7.87" x 1.70") W, D, H
Product Weight	1.7kg (3.8lbs) approx
Shipping Dimensions	52.60cm x 26.20cm x 11.70cm (20.71" x 10.31" x 4.61") W, D, H
Shipping Weight	4.6kg (10.2lbs) approx