

# LA-SW-GC0424-S

Ethernet Switch 4xGigabit Combo(RJ45/SFP), 24x10/100/1000Base-T



## Overview

24Port 10/100/1000BASE-T with uplink 4Combo TP/SFP Gigabit Ethernet Switch, provides a high-performance switch architecture that is capable of providing the non-blocking switch fabric and wire-speed throughput as high as 48Gbps, which greatly simplifies the tasks of upgrading the LAN for catering to increasing bandwidth demands.

Store-and-Forward forwarding scheme to ensure low latency and high data integrity, which eliminates unnecessary traffic and relieves congestion on critical network paths. With an intelligent address recognition algorithm, it recognizes up to 8K different MAC addresses. The high data throughput and 56Gbps internal switching fabric make it ideal for most Gigabit environments, especially when network is upgraded to a Gigabit environment.

## Features

- IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE802.3z, IEEE802.3x
- Support port auto flip (Auto MDI/MDIX)
- Automatically supplied to adaptive devices
- Indicator monitoring status and failure analysis
- Flow control mode full-duplex with IEEE 802.3x, and half-duplex adopts back pressure standard.
- Fan-less design, reducing power consumption

## Specifications

Power Input	AC 100-240V, 50/60Hz
Fixed Port	24*10/100/1000Base-TX RJ45 port, 4*GE COMBO RJ45/SFP
Network Protocol	IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3z 1000BASE-X
Port Specification	10/100/1000BaseT(X) Auto, Full/half duplex MDI/MDI-X adaptive
Transmission Mode	Store and Forward (full wirespeed)
Bandwidth	56Gbps (non-blocking)
Packet Forwarding	40.32Mpps, supports 9K jumbo frame transmission
MAC Address	8K
Buffer	4.1M
Transmission Distance	10BASE-T: Cat3,4,5 UTP ( $\leq 250$ meter) 100BASE-TX: Cat5 or later UTP (150 meter) 1000BASE-TX: Cat6 or later UTP (150 meter) 1000BASE-SX: 62.5 $\mu$ m/50 $\mu$ m MMF (2m~550m) 1000BASE-LX: 62.5 $\mu$ m/50 $\mu$ m MM (2m~550m) or 10 $\mu$ m SMF(2m~5000m)
Power Consumption	$\leq 30$ W
LED Indicator	PWR: Power LED 1~28: (Link LED=10/100M Link, 1000M LED=Gigabit Link) SYS: System LED
Operating Temp./Humid.	-10~+55 $^{\circ}$ C; 5%~90% RH, Non-condensation
Storage Temp./Humid.	-40~+75 $^{\circ}$ C; 5%~95% RH, Non-condensation
Product size (L*W*H)	440mm*200mm*45mm
Packing size (L*W*H)	513mm*300mm*95mm
N.W/G.W (kg)	2.2kg/3.5kg
Installation	Rack-mount
Lightning Proof	3KV 8/20us
Protection Level	IP30
Certificate	CE, FCC, RoHS

## Order Information

P/N	Description
LA-SW-GC0424-S	Unmanaged Ethernet Switch 4xGigabit Combo(RJ45/SFP), 24x10/100/1000Base-T

## Applications

With simple and convenient installation and maintenance methods and rich business features, it helps users to build a safe and reliable high-performance network. It can be widely used in Ethernet access scenarios such as small and medium-sized enterprises, Internet cafes, hotels, and schools.

- **Metro Optical Broadband Network**

Data network operators such as telecommunications, cable TV, and network system integration

- **Broadband Private Network**

Financial, government, electric power, education, public security, transportation, oil, railway

- **Multimedia Transmission**

Integrated transmission of images/voice/data for remote teaching, conference TV, videophone

- **Real-time Monitoring**

Simultaneous transmission of real-time control signals, images and data