

LEGEND

PERFORMANCE TECHNOLOGY

Product Number	:	LSW16G
Name	:	16Port Gigabit Ethernet Switch
Warranty	:	1 Year
Weight	:	4000g
Dimensions	:	438mm(L) x 200mm(W) x 44mm(H)

LSW16G is a powerful and high-performance Gigabit Ethernet unmanaged switch with 16 x 10/100/1000Mbps ports. It provides a backbone link to your switched workgroup or a server fat-pipe link. With such a flexible architecture, users can easily plan the network without bandwidth and media limitation.

LSW16G is fully non-blocking and can support every switching port wire-speed performance. Compared to the shared 10/100/1000Mbps networks, this switch delivers a dedicated 10/100/1000Mbps connection to every attached client with no bandwidth congestion issue. Based on familiar, proven Ethernet technology, Gigabit Ethernet provides a seamless migration to higher-speed networking.

Key Features

- 16 Gigabit Ethernet Ports with Non-blocking Full Wire Speed Performance
- 400 KB On-Chip Frame Buffer
- Support up to 8K MAC Address
- Support Store-and- Forward Switching Mode
- Support Auto-negotiation and Auto-MDI/MDI-X Functions
- Support Full Duplex IEEE 802.3x Flow Control
- Support Half-duplex Back Pressure Flow Control

Features

- Compliant with the IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T specifications
- 16 port 10/100/1000Mbps TX Auto-Negotiation Ethernet Switch
- Full/Half-Duplex capability on each TX port(only support full duplex In1000M)
- Supports TP interface Auto MDIX function for auto TX/RX swap
- Automatic Source MAC Address Learning and Aging
- Supports up to 8K MAC addresses
- Up to 2M bits buffer

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- Back Pressure function for Half-duplex operation
- Supports to handle up to 1522 bytes packet
- LED indicators for simple diagnostics and management
- Plug and Play

Specifications :

Chip	:	98DX161+88E1149
Standards	:	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE 802.3x Flow Control
Access Method	:	CSMA/CD
Network Media	:	10BASE –T: UTP Cat. 3 or up, 100BASE-TX/1000Base-T: UTP Cat. 5 or up
Transmission Method	:	Store and Forward
MAC Address Table	:	8K
Built-in Buffer	:	2M bits
Data Transfer Rate	:	10/100/1000Mbps (Half-duplex), 20/200/2000Mbps (Full-duplex)
Auto MDI/MDIX	:	Yes
LED Indicators	:	Power, Link/Activity, Speed
Power	:	45W max
Temperature	:	0° to 50°C (operating), -20° to 70°C (storage)
Humidity	:	5% to 90 % non-condensing (operating) 5% to 90% non-condensing (storage)
Certifications	:	FCC Part 15 Class A, CE Mark

