



Highlights

- 1000 Mbps
 - 10x the speed of 10/100 Fast Ethernet
- Galvanized Steel Casing
 - For heat dissipation & durability
- Plug & Play
 - Hassle-free setup, no configuration required
- Fanless
 - Silent operation

Overview

The neolink neo-8 Gigabit Ethernet Unmanaged Switch provides an easy way to expand your wired network with plug-and-play installation.

Furthermore, Auto-MDI/MDIX eliminates the need for crossover cables and Auto-negotiation allocates the highest speed for each port depending on the speed of the networked device.

	neo-5	neo-8	neo-24
Standards	IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x		
Forwarding Mode	Store-and-forward		
Interface	5 x 10/100/1000 Mbps RJ45 Ports	8 x 10/100/1000 Mbps RJ45 Ports	24 x 10/100/1000 Mbps RJ45 Ports
Enclosure	Galvanized Steel	Galvanized Steel	Galvanized Steel
Form Factor	Desktop or wall-mountable	Desktop or wall-mountable	Desktop, wall-mountable, rack-mountable
Fan	No	No	No
Bandwidth	10 Gbps	16 Gbps	48 Gbps
MAC Address Table	2K	8K	8K
Packet Forwarding Rate	7.44 Mpps	12 Mpps	35.60 Mpps
Buffer Memory	1 Mb	2 Mb	2 Mb
Jumbo Frame	9K	10K	10K
Auto Negotiation	Yes	Yes	Yes
Auto MDI/MDIX	Yes	Yes	Yes
Protection	Lightning $\geq 6\text{kV}$, ESD, Air discharge: $\pm 8\text{kV}$, Contact discharge: $\pm 4\text{kV}$	Lightning $\geq 6\text{kV}$, ESD, Air discharge: $\pm 8\text{kV}$, Contact discharge: $\pm 4\text{kV}$	Lightning $\geq 6\text{kV}$, ESD, Air discharge: $\pm 8\text{kV}$, Contact discharge: $\pm 4\text{kV}$
LEDs	1 x Power, 5 x Link/Act	1 x Power, 8 x Link/Act	1 x Power, 24 x Link/Act
Operating Temperature	$-10^{\circ}\text{C} \sim 45^{\circ}\text{C}$ (14F ~ 113F)	$-10^{\circ}\text{C} \sim 45^{\circ}\text{C}$ (14F ~ 113F)	$-10^{\circ}\text{C} \sim 45^{\circ}\text{C}$ (14F ~ 113F)
Power	DC 5V	DC 9V	AC 100-240V
Power consumption	<2.9W	<4.6W	<15.2W
Power Supply Type	External	External	Internal
Dimensions (W x D x H)	100 x 64 x 25 mm	140 x 67 x 25 mm	297 x 178 x 44 mm