



ENHGS-800X3

8 Port Gigabit Ethernet Switch Version 2

Encore's ENHGS-800X3 is a full-featured 8-port Gigabit Ethernet Switch that provides a 10, 100 Mbps and 1 Gigabit Ethernet direct connection to a local area network computers or individual PC. It is engineered and powered by an advanced Realtek Gigabit Ethernet solution with complete set of industry standard features for high-speed Internet access.

ENHGS-800X3 offers easy installation and cost-effective connection for a corporate, Small-Office-Home-Office and residential computer networks. Compared to the shared 10/100/1000 Mbps networks, the ENHGS-800X3 Giga Switch delivers a dedicated connection to every attached client with a lot less bandwidth congestions. The Store-and-Forward Switching Mode promises the low latency plus eliminates all the network errors, including runt and CRC error packets.

The ENHGS-800X3 provides half and full-duplex capability on all ports to boost bandwidth for servers and power users, fully compliant with all kinds of network protocols.

ENHGS-800X3 Specification Sheet

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FEATURES AND BENEFITS

- Data rate auto detection. Automatically detects and switches to the connected network speed, from 10Mbps, 100Mbps to 1000Mbps data rate speed.
- Supports store-and-forward operation mode, promises low latency, plus eliminates all the network errors, including runt and CRC error packets.
- Supports Full-duplex IEEE 802.3x flow control and Half-duplex back pressure.
- Auto MDI-MDI-X ports could be used to connect to another switch or hub with no specially made crossover cable needed. Auto detection for straight thru or crossover cables.
- Pure plug-n-play. No software configuration or Operating System required. Fully compliant with all type of network protocols.
- Comes with a full range auto-switching power supply adapter 100-240V AC Input power (Selected Regions only. Would also comes with other power supply ranges depending on the region or country's requirements)

SPECIFICATIONS

Data Transfer Rate	10/100/1000 Mbps & Full/Half Duplex mode auto-negotiation operation or NWAY (1000Mbps for Full Duplex auto switching only)
Supported Protocols	IEEE 802.3 (10BaseT), IEEE 802.3u (100BaseTX), IEEE 802.3ab (1000BaseT), IEEE 802.3x (Full Duplex Flow Control)
NWAY Protocol Supported	10 Mbps: Full/Half Duplex 100 Mbps: Full/Half Duplex 1000 Mbps: Full Duplex

Interface Port Type	8 x RJ-45 Gigabit Ethernet ports Auto-crossover MDI / MDI-X (Auto-crossover)
MAC Address Table	4 KB MAC Address Entries
Buffer Memory size	128 KB
Jumbo Frame size	9 KB
Dimensions (Approx)	155 x 85 x 26 (L x W x H)
Power Supply	12 VDC, 1.0 Ampere, External Power Supply Adapter
Operating Temperature	0° ~ 45° Ambient
Humidity	5% ~ 95% (non-condensing)
Storage Temperature	0°C ~ 70°C
Regulations	CE, FCC, VCCI Class A