

ENFNSW-1602

16 Port 10/100 BaseTX Fast Ethernet Switch + 2 Slot Option

Overview

The ENFNSW-1602 provides 16 10/100Mbps Fast Ethernet Ports with 2 open slots (port #17/18). The two open slots can be installed with either a 10/100Base-TX port or 100Base-FX fiber-optic modules. The fiber-optic module supports multimode and single mode fiber using either SC or ST connectors supporting distances of up to 100 meters (10/100Base-TX) and 2 km (Multi-mode) and 15km (Single-mode).

This product supports store-and-forward switching scheme to ensure low latency and high data integrity, eliminating unnecessary traffic and relieving network congestion along critical network paths. With an intelligent address recognition algorithm, the ENFNSW-1602 can recognize up to 2K different MAC addresses and enables filtering and forwarding at full wire speed.

As a workgroup switch, the 16 10/100Base-TX ports and up to 2 fiber ports provides a cost effective, high performance solution for power users. With a 4.5Gbps non-blocking switching fabric, the ENFNSW-1602 easily provides a high bandwidth Fast Ethernet network for a departmental backbone.

Features

- ◆ *Complies with IEEE 802.3 and IEEE 802.3u, 10/100Base-TX, 100Base-FX*
- ◆ *16-port 10/100Base-TX Fast Ethernet Switch*
- ◆ *Each switching port supports auto-negotiation*
- ◆ *2 open slots for 10/100Base-TX and 100Base-FX fiber-optic interface*
- ◆ *2K MAC address table, auto-learning/ageing*
- ◆ *Complete Runt and CRC filtering eliminates erroneous packets to optimize network bandwidth*
- ◆ *IEEE 802.3x full-duplex flow control, half-duplex back-pressure flow-control*
- ◆ *Auto MDI/MDI-X on each RJ-45 port for easy switch/hub cascading*

Ordering Information:

Model	Description
ENFNSW-1602	16-port Fast Ethernet Switch with 2 Slots for optional modules
ENMII-TP	1-port 10/100Base-TX Fast Ethernet Module (RJ-45)
ENMII-ST	1-port 100/Base-FX Fast Ethernet Module (ST, MM)
ENMII-SC	1-port 100/Base-FX Fast Ethernet Module (SC, MM)
ENMII-S15	1-port 100/Base-FX Fast Ethernet Module (SC, SM, 15km)



Specifications

System:	
Ports	16 10/100Base-TX auto MDI/MDI-X 2 Slots for module option
Switch Processing Scheme	High performance Store and forward
MAC Address Table	2k entries, auto learning/ageing
Queue Buffer	256Kb shared buffer
Packet Control	Runt and CRC filtering, Broadcast storm control
Network Standards	IEEE 802.3, IEEE 802.3u IEEE 802.3u
CE Mark	EN50081-1, EN55022 Class A, EN50082-1, IEC 1000-4-2/3/4/6
Emissions	FCC Class A, VCCI Class A, CISPR 22 Class A
Safety	CSA/NRTL (c.22.2.950, UL1950) TUV/GS (EN60950)
Immunity	IEC 801-2/3/4, EN60555-2 Class A, EN60555-3
Power:	
AC	100-240VAC, 50/60 Hz auto-sensing
Physical:	
Dimensions	19" rack mountable 440 x 200 x 44 mm
Weight	2.6kg
Environment:	
Operating Humidity	0°C to 50°C 0-90% Non-Condensing



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