NE-824DX/NE-824DX-FS
24 Port 10/100 Ethernet Rack-mount Switch

NE-824DX

NE-824DX-FS

Fiber Connectivity

NE-824DX-FS is with slide-in slot for a fiber port module insertion. Option of fiber port module includes 100M multi or single mode fiber optic. Equipping a 100M single mode fiber port module, data transmission can reach as far as 30km. More options of fiber port module are available upon your requirement.

Easy Management

NE-824DX-FS supports port-based VLAN and functions. Up to 24 VLAN groups can be set up. Besides this, NE-824DX-FS supports IP-based, Tag-based and port-based QoS management, which make your network work efficiently.

Feature

- Conforms to IEEE 802.3 10BASE-T, IEEE802.3u 100BASE-TX/FX and IEEE 802.3x flow control standards
- Supports 10/100M auto-detect half/full duplex
- Provides 24 10/100Mbps RJ-45 ports
- Supports TP interface auto MDI/MDI-X function for auto TX/RX swap
- Supports 802.3x flow control pause packet for full duplex
- Supports back pressure in half-duplex operation mode
- Supports store & forward architecture and performs forwarding and filtering at non-blocking full wire speed
- Source address learning and aging function
- Supports 1 expansion fiber slide in module for optional. (NE-824DX-FS only)
- Supports port based VLAN
- LEDs to indicate: FDX/Col., 100 (10/100Mbps), Link/Act. and Power Status

Specifications

Specifications are subject to change without notice.

Model	NE-824DX	NE-824DX-FS
Description	24 Port 10/100M Ethernet Rack-mount Switch	24 Port 10/100M Ethernet Rack-mount Smart Switch
Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX / FX	
Media	10BASE-T: UTP Cat. 3, 4, 5 or up 100BASE-TX: UTP Cat. 5 or up 100BASE-FX: multi-mode 50/125, 62.5/125 um	
No. of Port	24 10/100Mbps RJ-45 ports	
Console Port	No	Yes (NE-824DX-FS Only)
Auto MDI/MDI-X	Yes	
Slide-in Slot	-----	1
Port Module Option	-----	100Mbps Multi / Single Mode Fiber
Fiber Connector Type	-----	ST, SC (for Multi / Single Mode)
VLAN	-----	Yes
QoS	-----	Yes
Transmission Mode	10/100Mbps, full/half-duplex (Auto-sensing) 10/100Mbps, full/half-duplex (Auto-sensing)	
Transfer Rate	10Mbps: 14880pps (64 Bytes Package) 100Mbps: 148800pps (64 Bytes Package)	
Flow Control	IEEE 802.3x flow control for full-duplex Back pressure in half-duplex operation mode	
Switching Method	Store & forward	
MAC Address Table	8K	
RAM Buffer	2.5Mbit (for 24 port)	
Power Supply	Internal Switching Power (AC90~264V, 47~63Hz)	
Environmental Temperature Humidity		Temperature	Humidity
	Operation	$0°C~45°C$	10%~90%
	Storage	$0°C~60°C$	5%~95%
Physical Dimension	440 x 148.5 x 44 mm	
Conformance	FCC Class A, CE Mark Class A	

Ordering Information

NE-824DX 24 Port 10/100M Ethernet Rack-mount Switch

NE-824DX-FS 24 Port 10/100M Ethernet Rack-mount Smart Switch with Fiber Support

101X-SC 100M SC type (multi mode)

101X-ST 100M ST type (multi mode)

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