



16Ports 10M/100M Dual Speed Hub **FDX-16N**



24Ports 10M/100M Dual Speed Hub **FDX-24N**

AutoNegotiation

LED

Internal Power Supply

19inch Rack-Mount

► Feature

FDX-16N [FDX-24N]100BASE-TX are dual speed hubs that support both 100BASE-TX and 10BASE-T. The products are equipped with 16/24 RJ-45 ports, and all ports support Auto-Negotiation that enables automatic 100/10Mbps speed detection each port that is connected to a networking device. Furthermore, the status LED's on each port clearly indicate the operating status of the product.

The dual speed hubs not only support 100BASE-to-100BASE and 10BASE-to-10BASE communication, but also enable interconnection between 10BASE-T and 100BASE-TX nodes. This feature allows easy construction of a 100/10BASE mixed environment - a task that has been unachievable with ordinary repeater hubs.

Although cascading limitations of repeater hubs apply to dual speed hubs, FDX-16S/FDX-24S support up to 3 stages of stacking and thus support a maximum of 72 ports (two stack groups consisting of three FDX-24N are cascaded: uses six FDX-24N in total) . Furthermore, the expansion slots on the rear face support three types of option modules (10BASE-T/100BASE-TX Auto-Negotiation switching ports, 100BASE-FX fiber optic module, etc) to allow flexible expansion of the existing network. Value-priced and fully scalable, the dual speed hub series products are ideal solutions for office networks faced with the 100/10Mbps incompatibility problem.

- Access Type: CSMA/CD 10/100Mbps
- Standards Compliance:IEEE 802.3 10Base-T,IEEE802.3u 100Base-TX Class II
- Supported Media: UTP/STP cables
 - 10Mbps: Category 3 or greater
 - 100Mbps: Category 5
- Ports:10/100Mbps RJ-45 Port (MDI-X/MDI) x 16/24
- Stack Port x 1
- Expansion Slot x 1

■ Expansion Modules: 10/100MbpsTX Switch, 100MbpsFX Switch

■ Configuration Method: N-Way Auto-Negotiation

■ Status LEDs: Pwr, COL, Act, Link/Act, 10/100

■ Power Input: AC100-240V, 50/60Hz

■ Power Consumption

FDX-16N: 18W

FDX-24N: 27W

■ Operating Temperatures: -10 - 40degrees Celsius

■ Operating Humidities: 5 - 95% (non-condensing)

■ EMI: FCC Class A, CE

■ Option expansion modules provide access to either 1)switched networks or 2)100Mbps FX environments.

■ **Option Modules for FDX-16/24N**

FDW-1FXC

100BASE-FX (SC)x1Port Expansion Module



FDW-1FXT

100BASE-FX (ST)x1Port Expansion Module



► **Specification**

Model Name	FDX-16N	FDX-24N
Standards Compliance	IEEE 802.3 10BASE-T, IEEE802.3u 100BASE-TX	
Access Method	CSMA/CD 10/100Mbps	
Auto Negotiation	100BASE-TX/10BASE-T Auto-Negotiation	
Supported Media	UTP/STP cables (100Mbps: Category 5 / 10Mbps: Category 3 or greater)	
Port Config.	RJ-45 Port x 16	RJ-45 Port x 24
Expansion Slot	1 slot for option modules (sold separately)	
Stacking	3 stages max. (linked via proprietary stack cables)	
LED	Power, 10/100, 10 COL, 100 COL, Act, FXM, Link/Act	
Power	18W Max.	27W Max.

Consumption		
Power Supply	Internal	
Dimensions	430(W) x 44(H) x 200(D)mm	
Weight	2.6Kg	2.7Kg

Product View

