

Dax Multi-port Fast Ethernet Switches



Dax Multi-port Fast Ethernet Switches are available in 16 or 24 Fast Ethernet port models, with rugged metal casing design, ideal for small or medium businesses. All you need to do is to power on the switch, connect the patch cords, turn on your PCs and your network is up and running! Simple isn't it! These switches fit in just 1U rack space and can be mounted on standard 19" rack with rack mounting brackets.

Performance and Standards

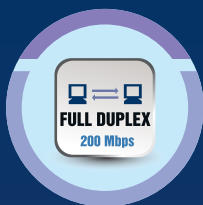
Dax Fast Ethernet 10/100 switches are compliant with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, and IEEE 802.3x flow control. With complete support for auto-negotiation, the Switches detect and transmit the packets at speeds up to either 10 Mbps or 100 Mbps depending on the connected desktop node / Switch. These Switches support Auto MDI/MDIX function, eliminating the need for special Uplink ports or crossover cables. This also avoids excessive consumption of power.

Switching Architecture

Dax Fast Ethernet 10/100 switches receive and forward traffic seamlessly with its non-blocking wire speed performance architecture. Every port simultaneously supports up to 200 Mbps of bandwidth in full duplex mode. This feature enables the switch to operate at full wire speed with the connected devices and allows you to run a congestion free network. By store and forward switching architecture these switches can maximize the network performance while minimizing the propagation of CRC error packets.

Key features

- Wire speed packet filtering and forwarding rate
- Auto detection of speed (10 Mbps / 100 Mbps)
- Auto detection of full duplex / half duplex mode
- Store – and – forward architecture
- Filtering of fragment and CRC error packets
- MAC address auto-learning and auto-aging
- LED indicators for monitoring power, link/activity
- 1U size switch - 19" rack mountable
- Metal casing, Internal Universal AC power supply



Dax Multi-port Fast Ethernet Switches

Technical Specifications

Model	DX-5016PS	DX-5024PS
Number of Ports	16x10/100Mbps auto-negotiation and auto-MDIX ports	24x10/100Mbps auto-negotiation and auto-MDIX ports
Standards	IEEE802.3 IEEE802.3u IEEE 802.3x	
Transmission Method	Store-and-Forward	
Backplane bandwidth	3.2 Gbps	4.8 Gbps
Performance	2.4 Mpps	3.5 Mpps
Data Transfer Rate	10/100Mbps (Half-duplex) 20/200Mbps (Full-duplex)	
Forwarding Rate	10BASE-T: 14880pps/port 100BASE-TX: 148800pps/port	
Cable	10BASE -T: UTP Cat. 3 or higher 100BASE-TX: UTP Cat. 5 or higher	
Access Method	CSMA/CD	
Diagnostic LEDs	Per Unit: Power Per Port- LINK Status, Port activity status, Link speed	
Power	100-240VAC, 50/60Hz	
Power Consumption	7.5 Watts (Max)	9 Watts (Max)
Dimensions (LxHx D)	440mmx200mmx44mm	280mmx173mmx44mm
Temperature	Operating: 0 ~ 40°C Storage: -20°C ~ 70°C	
Humidity	Operating: 5% ~ 90% non condensing	
Safety & Emission	FCC Class A CE	

*The standard power supply unit is 100~240V AC power supply. 48V DC is available for 16 and 24 port 10/100 switches, and must be ordered separately. Refer ordering information.

Dax Multi-port Fast Ethernet Switches

Ordering Information

DX-5016PS: 16 Port 10/100 Mbps Switch with internal power supply and mounting brackets for 19" rack.

DX-5016PS-48VDC-PWR: 48V DC power supply unit for DX-5016PS

DX-5024PS: 24 Port 10/100 Mbps Switch with internal power supply and mounting brackets for 19" rack.

DX-5024PS-48VDC-PWR: 48V DC power supply unit for DX-5024PS

Dax Multi-Port Fast Ethernet Switches are brought to you by Dax (An Apcom Company) one of India's most renowned, technically qualified Data/ Voice Networking vendor. Dax offers an India-Centric, diverse product range which conforms to the highest world standards and meets the "edge to core" networking technology needs of all verticals. Dax is probably the most respected independent OEM supplier in India.

In the last 25 years, Dax has made wide country inroads through its Enterprise networking partners and national ADSPs. Dax is synonymous with high business ethics, consistent quality, optimized performance and support-commitment to Indian customers which supersedes MNC standards. Dax continues to synergistically work with Indian Customers to design products and networking solutions.

Today, Dax is the one of the Top Networking companies in India. We have achieved this status by a combination of relentless single-minded focus on cutting edge Networking technologies and a proud dedication (since 1986), to true professionalism.

Other Dax Offerings



Access	Connectivity	Dax Networks Limited
Routers	Switches	No:11, 2 nd Cross Street, Karpagam Gardens, Adyar, Chennai- 600 020
Wireless	Cabling	Ph: 044-4292 3558
LAN Extenders	Network Attached Storage	Fax: 044-4292 3567
Modems	IP Surveillance	Toll Free : 1800-4255-Dax
		E-mail: help@dax.in
		Website: www.daxnetworks.com
		An Apcom Company

- ❖ Information in this document is subject to change without notice
- ❖ Product image is an approximate guide only