

# Dax Plug and Play Gigabit Switch



Plug and Play Gigabit Switch from Dax is available in 8 port model, 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! Dax Plug and Play Gigabit Switch is ideal for mission critical and high-bandwidth applications such as multimedia, imaging and database. This compact size Plug and Play Gigabit Switch is an ideal to fit easily in desktop space. This switch is also designed for Wall mount options



## Performance and Standards

Dax Plug and Play Gigabit Switch is compliant with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab and IEEE 802.3x flow control. With complete support for auto-negotiation, the Switch detects and transmits the packets at speeds up to either 10 Mbps or 100 Mbps or 1000 Mbps depending on the connected desktop node / Switch. This Plug and Play Switch supports Auto MDI/MDIX function, eliminating the need for special Uplink ports or crossover cables. This also avoids excessive consumption of power.



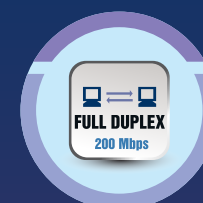
## Switching Architecture

Plug and Play Gigabit Switch receives and forwards traffic seamlessly with its non-blocking wire speed performance architecture. Every port simultaneously supports up to 2000 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 this switch 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 / 1000 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



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## Technical Specifications

|                                   |   |
|-----------------------------------|---|
| <b>Model</b>                      | <b>DX-5008DG</b>  |
| Ports                             | 8 10/100/1000 Mbps auto-negotiation ports (RJ-45 Connectors)                                      |
| Standards                         | IEEE 802.3 10BaseT<br>IEEE 802.3u 100BaseTX<br>IEEE 802.3ab 1000BaseT<br>IEEE 802.3x Flow Control |
| Transmission Method               | Store and Forward   |
| Duplex Modes                      | Auto-Negotiation (Half Duplex and Full Duplex)  |
| Crossover                         | Auto-MDI/MDIX Crossover function for each port  |
| Back Plane bandwidth              | 16 Gbps   |
| Throughput                        | 12 Mpps   |
| Data Transfer Rates               | 10/100Mbps(Half-duplex)<br>20/200/2000Mbps (Full-duplex)  |
| Forwarding Rates                  | 1000 Mbps port – 148,800pps<br>100 Mbps port – 148,800pps<br>10 Mbps port – 14,880pps             |
| Protocols                         | CSMA/CD   |
| Topology                          | Star  |
| Transmission Media                | 100BASE-TX/1000Base-T: UTP Cat. 5E or higher  |
| LED Indicators                    | Per Unit: Power<br>Per Port- LINK Status, Port activity status, Link speed                        |
| <b>Physical and Environmental</b> |   |
| Operating Temperature             | 0°C~40°C (32°F~104°F)   |
| Storage Temperature               | -20°C~70°C (-40°F~158°F)  |
| Operating Humidity                | 5%~90% non-condensing   |
| Storage Humidity                  | 5%~90% non-condensing   |
| Power Consumption                 | 7.5 Watts (Max)   |
| Dimension                         | 183mm x 125.2mm x 30.72mm (L x W x H)   |
| Emission (EMI)                    | FCC Class B CE  |

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## Ordering Information

**DX-5008DG:** 8 port 10/100/1000 Mbps Gigabit Ethernet Switch with external AC power supply.

**Dax Plug and Play Gigabit Switch** is 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



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- ❖ Product image is an approximate guide only