

Product Highlights

High-Speed Networking

Gigabit ports allow you to connect up to five devices for fast file transfers and smooth media streaming

Save Energy Automatically

EEE compliance reduces energy consumption without sacrificing performance while cutting down on your power bill

Eco-Friendly and Economical

Economical yet innovative design runs cool and quiet, making for an unobtrusive addition to the workplace



DGS-1005A

5-Port Gigabit Easy Desktop Switch

Features

Connectivity

- Five Gigabit Ethernet LAN ports for high-speed wired connections
- Cable Diagnostics Function notifies users of cable conditions through product LEDs

Green Ethernet Features

- 802.3 Energy-Efficient Ethernet (EEE) allows for less power consumption during periods of low data activity
- Reduces power to a port when no link is detected
- Adjust power to a port by detecting the length of the connected Ethernet cable

The DGS-1005A 5-Port Gigabit Easy Desktop Switch is part of D-Link's new series of SOHO devices that make use of D-Link's Green Technology, providing energy savings, reduced heat, and a longer product life without sacrificing performance or functionality. It provides five Gigabit ports for easy expansion of your network and a quick way to upgrade your network to Gigabit connectivity. An energy-efficient power adapter (EnergyStar Level VI qualified), minimized use of harmful substances (RoHS compliant), and recyclable packaging make this switch truly environmentally friendly.

Compact and Easy to Set Up

Featuring a clean, understated design, the DGS-1005A 5-Port Gigabit Easy Desktop Switch is light, compact, and fits into any decor. Simply plug in the power adapter and it's ready to accept Ethernet connections from any device to upgrade to Gigabit speeds. Setup is so simple, no complex configurations are required!

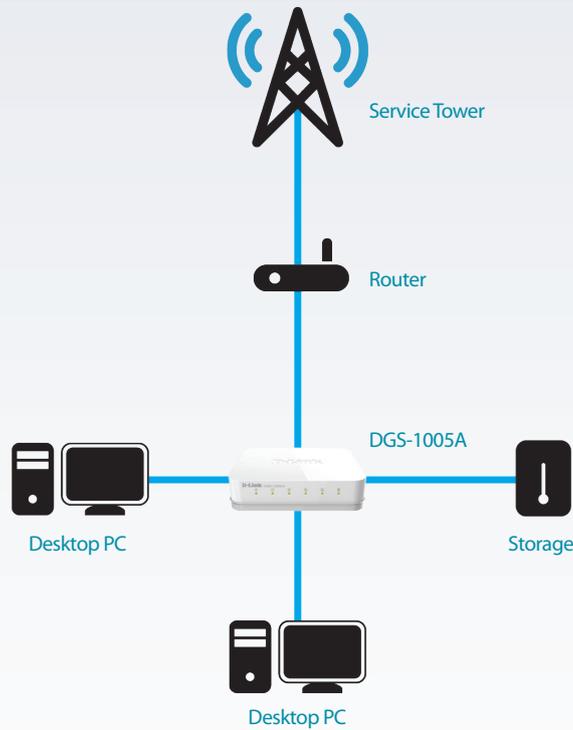
Cost-effective Solution

The D-Link DGS-1005A 5-Port Gigabit Easy Desktop Switch is a cost-effective solution that provides network connectivity to users via five Gigabit Ethernet ports. Not only does it offer advanced features that improve performance, it also cuts down costs by using less power. This series, without a doubt, offers the best value and quality for its low cost.

Advanced Features

The DGS-1005A 5-Port Gigabit Easy Desktop Switch supports 802.3 Energy-Efficient Ethernet to help you cut power usage by automatically powering down ports that have no data activity, adding up to more savings on your electricity bill. Also featuring 802.1p Quality of Service (QoS), the DGS-1005A lets you prioritize traffic by type so that streaming media such as network telephony (VoIP) stays smooth when you need it. Other scenarios such as online gaming or digital video streaming can also be prioritized in order of importance for the best performance possible.

Your Network Setup



Technical Specifications

General

Device Interfaces	• Five 10/100/1000 Gigabit LAN ports	
Standards	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T Ethernet (twisted-pair copper) • IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper) • IEEE 802.3ab 1000BASE-T Gigabit Ethernet (twisted-pair copper) 	<ul style="list-style-type: none"> • ANSI/IEEE 802.3 NWay auto-negotiation • IEEE 802.3x Flow Control • IEEE 802.3az Energy-Efficient Ethernet (EEE)

Functionality

Advanced Features	<ul style="list-style-type: none"> • Green Ethernet • 10 Gbps switching fabric • Auto MDI/MDIX crossover for all ports • Secure store-and-forward switching scheme 	<ul style="list-style-type: none"> • Full/half-duplex for Ethernet/Fast Ethernet speeds • IEEE 802.3x Flow Control • Supports 9,720 bytes Jumbo Frames • Supports IEEE 802.1p QoS (4 Queues, Strict Mode) • Supports Cable Diagnostics Function
Data Transfer Rates	<ul style="list-style-type: none"> • Ethernet: <ul style="list-style-type: none"> • 10 Mbps (half duplex) • 20 Mbps (full duplex) • Fast Ethernet: <ul style="list-style-type: none"> • 100 Mbps (half duplex) • 200 Mbps (full duplex) 	<ul style="list-style-type: none"> • Gigabit Ethernet: <ul style="list-style-type: none"> • 2000 Mbps (full duplex)
Transmission Method	• Store-and-forward	
MAC Address Table	• 4 K	
MAC Address Learning	• Automatic Update	

DGS-1005A 5-Port Gigabit Easy Desktop Switch

Packet Filtering/Forwarding Rates	<ul style="list-style-type: none"> Ethernet: 14,880 pps per port Fast Ethernet: 148,800 pps per port 	<ul style="list-style-type: none"> Gigabit Ethernet: 1,488,000 pps per port
RAM Buffer	<ul style="list-style-type: none"> 128 KB per device 	
Physical		
LED Indicators	<ul style="list-style-type: none"> Per port: Link/Activity/Speed 	<ul style="list-style-type: none"> Per device: Power
Media Interface Exchange	<ul style="list-style-type: none"> Auto MDI/MDIX adjustment for all ports- 	
Dimensions	<ul style="list-style-type: none"> 91 x 73 x 22 mm (3.58 x 2.87 x 0.9 inches) 	
Weight	<ul style="list-style-type: none"> 80 grams (2.82 ounces) 	
Power	<ul style="list-style-type: none"> 5 V/1 A Power Adapter 	
Power Consumption	<ul style="list-style-type: none"> Maximum AC input: 3.9 watts 	<ul style="list-style-type: none"> Standby AC input: 0.6 watts
Temperature	<ul style="list-style-type: none"> Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> Storage: -10 to 70 °C (14 to 158 °F)
Humidity	<ul style="list-style-type: none"> Operating: 10% to 90% non-condensing 	<ul style="list-style-type: none"> Storage: 5% to 90% non-condensing
MTBF	<ul style="list-style-type: none"> 1,152,221 hours 	
Certifications	<ul style="list-style-type: none"> CE class B FCC class B ICES-003 Class B VCCI class B C-Tick 	<ul style="list-style-type: none"> Anatel CCC cUL CB/LVD
Order Information		
<i>Part Number</i>	<i>Description</i>	
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