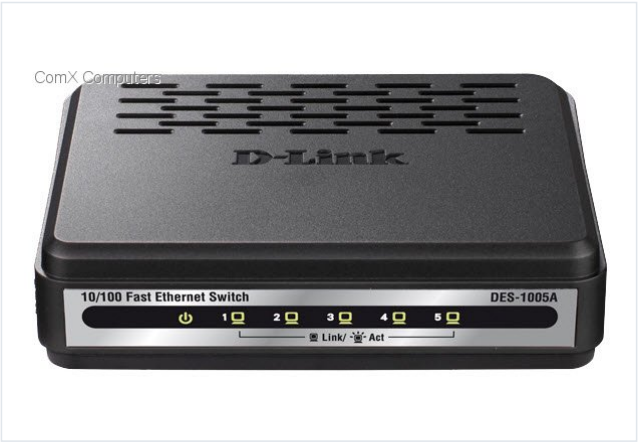
ComX Computers
Product Specification Sheet

DES-1005A

D-Link 5 Port 10/100 UNMANAGED Desktop Switch

Product Overview

D-Link 5 Port 10/100 UNMANAGED Desktop Switch, Inexpensive Fast Ethernet solution for Home/SOHO, 5 10/100 Mbps Fast Ethernet ports, Auto MDI/MDIX crossover for all ports, Store-and-forward switching scheme, Full/half-duplex for Ethernet/Fast Ethernet speeds, IEEE 802.3x Flow Control, Plug-and-play installation, RoHS compliant.



Specifications

Overview:

The DES-1005A 5-Port 10/100 Mbps Switch is a 5-port 10/100 Mbps Fast Ethernet switch that allows you to quickly set up a wired network. Connect the DES-1005A to multiple computers to share files and folders, or connect it to a router to share an Internet connection.

Features:

Auto-Sensing 10/100 Ports
The DES-1005A uses auto-sensing 10/100 Mbps ports, allowing a small workgroup to flexibly connect to Ethernet and Fast Ethernet devices to create an integrated network. These ports detect the network speed and auto-negotiate between 10BASE-T and 100BASE-TX, as well as between full and half-duplex, allowing you to get the maximum speed possible for each device connected to your network.

Auto MDI/MDIX Crossover
All ports support automatic MDI/MDIX crossover, eliminating the need for crossover cables or uplink ports. Each port can be plugged directly to a server, hub, router, or switch using regular straight-through twisted-pair Ethernet cables.

Flow Control for Secure Transmission
802.3x flow control on each port minimizes dropped packets when the port's receiving buffer is full. This gives you a more reliable connection for all of your connected devices.

Specifications:

SWITCHING FABRIC	1 Gbps switching fabric
PROTOCOL	CSMA/CD

TOPOLOGY	Star
MEDIA INTERFACE EXCHANGE	Auto MDI/MDIX adjustment for all ports
RAM BUFFER	49KBytes per device
DC INPUT	External 5V/1A power adapter
OPERATING TEMPERATURE	0 to 40 ?C
STORAGE TEMPERATURE	-10 to 70 ?C
OPERATING HUMIDITY	10% to 90% RH non-condensing
STORAGE HUMIDITY	5% to 90% RH non-condensing
DEVICE DIMENSIONS (W x D x H)	97 x 79 x 28 mm
TRANSMISSION METHOD	Store-and-forward
MAC ADDRESS TABLE	2K entries per device
MAC ADDRESS LEARNING	Automatic update
STANDARDS	802.3 10BASE-T Ethernet (twisted-pair copper)
	802.3u 100BASE-TX Fast Ethernet (twisted-pair copper)
	802.3 NWay auto-negotiation
	802.3x flow control
DATA TRANSFER RATES	Ethernet:
	10 Mbps (half duplex)
	20 Mbps (full duplex)
	Fast Ethernet:
	100 Mbps (half duplex)
	200 Mbps (full duplex)
NETWORK CABLES	10BASE-T:
	UTP CAT 3/4/5/5e (100 m max.)
	EIA/TIA-586 100-ohm STP (100 m max.)
	100BASE-TX
	UTP CAT 5/5e (100 m max.)
	EIA/TIA-568 100-ohm STP (100 m max.)
LED INDICATORS	Per port:
	Link/Activity
	Per device:
	Power
PACKET FILT ERING/FORWARDING RATES	Ethernet: 14, 880 pps per port
	Fast Ethernet: 148, 800 pps per port

POWER CONSUMPTION	Power On (Standby):
	DC input: 0.3 watts
	AC input: 1.1 watts
	Maximum:
	DC input: 2.0 watts
	AC input: 3.4 watts
HEAT DISSIPATION	Power On (Standby):
	AC input: 3.751 BTU/h
	Maximum:
	AC input: 11.594 BTU/h
CERTIFICATIONS	FCC Class B
	ICES-003 Class B
	CE Class B
	C-Tick Class B
	cUL
	CB

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/DES-1005A-D-Link-5-Port-10-100-UNMANAGED-Desktop-Switch-p-55729.php

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