



D-Link DGS-1016D network switch Unmanaged Gigabit Ethernet (10/100/1000) 1U Black, Silver

Brand : D-Link

Product code: DGS-1016D

Product name : DGS-1016D



16x RJ-45 (10/100/1000 Mbps), 1000BASE-T, 32 Gbps, 23.81 mpps
D-Link DGS-1016D. Switch type: Unmanaged. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 16. Full duplex. MAC address table: 8000 entries, Switching capacity: 32 Gbit/s. Networking standards: IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x. Power connector: AC-in jack. Rack mounting, Form factor: 1U



Management features		Data transmission	
Switch type *	Unmanaged	Packet forwarding rate (10 Mbps)	1488000 pps
Quality of Service (QoS) support	✓	Packet buffer memory	0.5 MB
Ports & interfaces		Design	
Basic switching RJ-45 Ethernet ports quantity *	16	Rack mounting *	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Stackable *	✓
Power connector	AC-in jack	Form factor	1U
Network		Product colour	Black, Silver
Networking standards *	IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x	Housing material	Metal
10G support *	✗	LED indicators	Activity, Link, Power, Speed
Copper ethernet cabling technology	10BASE-T, 100BASE-T, 1000BASE-T	Electromagnetic compatibility	ICES-003 Class A, FCC Class A, RCM Class A, BSMI Class A, CE Class A, VCCI A, CCC, KCC
Cable types supported	Cat3, Cat4, Cat5, Cat5e	Certification	cUL/UL CE LVD CCC CB BSMI
Full duplex	✓	Performance	
Flow control support	✓	Mean time between failures (MTBF)	1882372 h
Broadcast storm control	✓	Power	
Auto MDI/MDI-X	✓	Power supply included *	✓
Active link detection	✓	AC input voltage	100 - 240 V
MAC address auto-learning supported	✓	AC input frequency	50 - 60 Hz
MAC address auto-aging supported	✓	Input current	0.2 A
Data transmission		Power consumption (max)	10.07 W
Switching capacity *	32 Gbit/s	Power over Ethernet (PoE)	
Forwarding rate	23.81 Mpps	Power over Ethernet (PoE) *	✗
MAC address table *	8000 entries	Operational conditions	
Store-and-forward	✓	Operating temperature (T-T)	0 - 40 °C
Number of queues	8	Storage temperature (T-T)	-10 - 70 °C
Jumbo frames support	✓	Operating relative humidity (H-H)	0 - 95%
Jumbo frames	10000	Storage relative humidity (H-H)	0 - 95%
Packet forwarding rate (1 Gbps)	14880 pps	Heat dissipation	34.3 BTU/h
Packet forwarding rate (100 Mbps)	148800 pps	Weight & dimensions	
		Width	280 mm
		Depth	125 mm
		Height	44 mm
		Weight	1.02 kg



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