



D-Link DGS-1520-28/E network switch Managed L3 10G Ethernet (100/1000/10000) 1U Black



Brand : D-Link

Product code: DGS-1520-28/E

Product name : DGS-1520-28/E

- Effortless deployment with Zero Touch Provisioning
- Multi-site management via Web GUI
- Perfect for SMB access & aggregation layers
- Quickly add 10 GB Ethernet upgrade to infrastructure
- Power over Ethernet and fiber options with various port combinations

Layer 3 Stackable Smart Managed Switch, 24x 10/100/1000 Base-T Ports, 2x 10G Base-T Ports, 2x 10G SFP+ Ports, 128 Gbps Switching Capacity

D-Link DGS-1520-28/E. Switch type: Managed, Switch layer: L3. Basic switching RJ-45 Ethernet ports type: 10G Ethernet (100/1000/10000), Basic switching RJ-45 Ethernet ports quantity: 26. MAC address table: 16384 entries, Switching capacity: 128 Gbit/s. Networking standards: IEEE 802.3, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3bz,.... Rack mounting, Form factor: 1U

Management features		Multicast features	
Switch type *	Managed	Multicast Listener Discovery (MLD) snooping	v1/v2
Switch layer	L3		
Web-based management	✓		
Ports & interfaces		Protocols	
Basic switching RJ-45 Ethernet ports quantity *	26	GARP VLAN Registration Protocol (GVRP)	✓
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)	Routing protocols	OSPF, RIP, RIPng, VRRP
Gigabit Ethernet (copper) ports quantity	24	Design	
10G Ethernet (copper) ports quantity	2	Rack mounting *	✓
SFP+ module slots quantity	2	Stackable *	✓
Fiber ports quantity	2	Form factor	1U
Fiber optic connector	SFP+	Product colour	Black
Network		LED indicators	Activity, Link, Power, Speed
		Performance	
		Physical stacking (units)	8
		Virtual stacking (units)	32
		Noise level	51.8 dB
		Mean time between failures (MTBF)	468252 h
		Power	
		Redundant power supply (RPS) support	✓
		Power consumption (max)	30.4 W
		Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✗
		Operational conditions	
		Operating temperature (T-T)	-5 - 50 °C
		Storage temperature (T-T)	-40 - 70 °C
		Operating relative humidity (H-H)	10 - 95%
		Storage relative humidity (H-H)	5 - 95%
		Heat dissipation	103.7 BTU/h
Data transmission		Weight & dimensions	
Switching capacity *	128 Gbit/s	Width	207.4 mm
Forwarding rate	95.24 Mpps	Depth	441 mm
MAC address table *	16384 entries	Height	44 mm
Store-and-forward	✓	Weight	2.33 kg
Static route	✓		
Jumbo frames support	✓		
Jumbo frames	12288		

Security		Certificates	
DHCP features	DHCP snooping	Certification	CE Class A, FCC Class A, IC Class A, RCM Class A, VCCI Class A, BSMI Class A
IGMP snooping	✓		
Loop protection	✓		
BPDU filtering/protection	✓		
MAC address entries	Static MAC address entries		
Logistics data			
		Harmonized System (HS) code	85176990



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