D-Link

D-Link DGS-1520-28 verkkokytkin Hallittu L3 10G Ethernet (100/1000/10000) 1U musta

Tuotemerkki : D-Link   **Tuotekoodi:** DGS-1520-28

Tuotteen nimi : DGS-1520-28

D-Link DGS-1520-28. Kytkin tyyppi: Hallittu, Kytkinkerros: L3. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: 10G Ethernet (100/1000/10000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 26. MAC-osoitetaulukko: 16384 entries, Kytkentäkapasiteetti: 128 Gbit/s. Verkkostandardit: IEEE 802.3, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3bz,... Telineasennus, Kotelo: 1U

Management features

Switch type *	Managed
Switch layer	L3
Web-based management	✔

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	26
Basic switching RJ-45 Ethernet ports type *	10G Ethernet (100/1000/10000)
Gigabit Ethernet (copper) ports quantity	24
10G Ethernet (copper) ports quantity	2
SFP+ module slots quantity	2
Fiber ports quantity	2
Fiber optic connector	SFP+

Network

Networking standards *	IEEE 802.3, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3bz, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G support *	✔
Copper ethernet cabling technology	10BASE-T, 100BASE-FX, 100BASE-TX, 1000BASE-T
Flow control support	✔
Link aggregation	✔
Auto MDI/MDI-X	✔
Spanning tree protocol	✔
Head-of-line (HOL) blocking	✔

Data transmission

Switching capacity *	128 Gbit/s
Forwarding rate	95.24 Mpps
MAC address table *	16384 entries
Store-and-forward	✔
Static route	✔
Jumbo frames support	✔
Jumbo frames	12288

Security

DHCP features	DHCP snooping
IGMP snooping	✔

Multicast features

Multicast Listener Discovery (MLD) snooping	v1/v2

Protocols

GARP VLAN Registration Protocol (GVRP)	✔
Routing protocols	OSPF, RIP, RIPng, VRRP

Design

Rack mounting *	✔
Stackable *	✔
Form factor	1U
Product colour	Black
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

Weight & dimensions

Width	207.4 mm
Depth	441 mm
Height	44 mm
Weight	2.33 kg

Certificates

Certification	CE Class A, FCC Class A, IC Class A, RCM Class A, VCCI Class A, BSMI Class A

Security			Logistics data	
Loop protection	✔		Harmonized System (HS) code	85176990
BPDU filtering/protection	✔			
MAC address entries	Static MAC address entries			

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