

## D-Link DGS-1250-52X verkkokytkin Hallittu L3 Gigabit Ethernet (10/100/1000) musta

**Tuotemerkki :** D-Link

**Tuotekoodi:** DGS-1250-52X

**Tuotteen nimi :** DGS-1250-52X



D-Link DGS-1250-52X. Kytkin tyyppi: Hallittu, Kytinkerros: L3. Peruskytkentä RJ-45 Ethernet-porttien tyyppi: Gigabit Ethernet (10/100/1000), Basic kytkentä RJ-45 Ethernet-porttien määrä: 48, Console-portti: RJ-45. MAC-osoitetaulukko: 32000 entries, Kytkentäkapasiteetti: 176 Gbit/s. Verkkostandardit: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.3, IEEE 802.3ab, IEEE....  
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<b>Management features</b>		<b>Design</b>	
Switch type *	Managed	Electromagnetic compatibility	CE A, VCCI A, FCC A, IC, BSMI
Switch layer	L3	<b>Performance</b>	
Quality of Service (QoS) support	✓	Memory type	DDR3-SDRAM
Web-based management	✓	Internal memory	2048 MB
ARP inspection	✓	Flash memory	64 MB
Configuring Location Settings (CLI)	✓	Noise level	50.7 dB
System event log	✓	Mean time between failures (MTBF)	589984.72 h
MIB support	RFC2893, RFC4213, RFC4291, RFC2464, RFC2462, RFC4862, RFC2461, RFC4861, RFC2573, RFC1321, RFC2284, RFC2865, RFC2716, RFC3580, RFC826, RFC2463, RFC4443, RFC792, RFC793, RFC768, RFC791, RFC2389, RFC4113, RFC4022, RFC2618, RFC2674, RFC1398, RFC1643, RFC1650, RFC2358, RFC2665, RFC2021, RFC271, RFC1757, RFC2819, RFC1442, RFC1901, RFC1902, RFC1903, RFC1904, RFC1905, RFC1906, RFC1907, RFC1908, RFC2578, RFC3418, RFC2573, RFC2575, RFC2576, RFC1212, RFC1213, RFC1215, RFC1493, RFC1157, RFC2620,	<b>Power</b>	
		Power supply included *	✓
		AC input voltage	100 - 240 V
		AC input frequency	50 - 60 Hz
		Power consumption (max)	51.2 W
		<b>Power over Ethernet (PoE)</b>	
		Power over Ethernet (PoE) *	✗
		<b>Operational conditions</b>	
		Operating temperature (T-T)	-5 - 50 °C
		Storage temperature (T-T)	-20 - 70 °C
		Operating relative humidity (H-H)	0 - 95%
		Storage relative humidity (H-H)	0 - 95%
		Heat dissipation	174.592 BTU/h
<b>Ports &amp; interfaces</b>		<b>Weight &amp; dimensions</b>	
Basic switching RJ-45 Ethernet ports quantity *	48	Width	440 mm
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Depth	210 mm
SFP+ module slots quantity	4	Height	44 mm
Console port	RJ-45	Weight	3.01 kg
		<b>Packaging data</b>	
		Package width	351 mm
		Package depth	565 mm
		Package height	91 mm

Network		Packaging data	
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Package weight	4.28 kg
10G support *	✓	<b>Technical details</b>	
Flow control support	✓	Shipping (inner) case height	38.4 cm
Link aggregation	✓	Shipping (inner) case width	47.8 cm
Broadcast storm control	✓	Shipping (inner) case length	58.5 cm
Auto MDI/MDI-X	✓	Shipping (inner) case net weight	18.3 kg
Spanning tree protocol	✓	Products per shipping (inner) case	5 pc(s)
Head-of-line (HOL) blocking	✓	Pallet gross weight (air)	382.7 kg
VLAN support	✓	Master (outer) cases per pallet (air)	16 pc(s)
Virtual LAN features	Voice VLAN	Products per pallet (air)	80 pc(s)
Number of VLANs	4094	Pallet gross length	110 cm
<b>Optical fiber</b>		Pallet gross width	120 cm
Fiber ethernet cabling technology	100BASE-FX, 1000BASE-LHX, 1000BASE-X, 1000BASE-LX, 1000BASE-SX, 1000BASE-ZX	Pallet height (air)	167.1 cm
<b>Data transmission</b>		Pallet gross weight (sea)	382.7 kg
Switching capacity *	176 Gbit/s	Master (outer) cases per pallet (sea)	16 pc(s)
Forwarding rate	130.95 Mpps	Products per pallet (sea)	80 pc(s)
MAC address table *	32000 entries	Pallet height (sea)	167.1 cm
Static route	✓	Shipping (inner) case gross weight	22.8 kg
Number of static routes	124	<b>Certificates</b>	
Jumbo frames support	✓	Certification	CB, UL, BSMI, CCC
Jumbo frames	12000	<b>Logistics data</b>	
Packet buffer memory	16 MB	Harmonized System (HS) code	85176990
<b>Security</b>			
DHCP features	DHCP client, DHCP server, DHCP snooping		
Access Control List (ACL)	✓		
Access Control List (ACL) rules	768		
IGMP snooping	✓		
Security algorithms	EAP, LEAP, MD5, PEAP, SSH, SSL/TLS, TTLS		
Loop protection	✓		
IP-MAC-Port binding	✓		
Queue scheduling algorithms	Weighted Round Robin (WRR)		
<b>Multicast features</b>			
Multicast support	✓		
<b>Design</b>			
Rack mounting *	✓		
Product colour	Black		
LED indicators	Activity, Link, Power, Speed		



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