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D-Link DGS-3420-52P 52-Slot xStack Layer 2+ Managed Stackable Gigabit PoE Switch

D-Link

No Image Available

The DGS-3420 Series of next generation Layer 2+ Gigabit switches delivers performance, flexibility, security, multi-layer QoS and access control, along with redundant power solutions for SMBs and enterprises. With high Gigabit port densities, Gigabit SFP and 10-Gigabit SF + support, and advanced software solutions, these switches can act as either departmental access layer devices or aggregation switches to form a multilevel network structured with backbone and centralised high-speed servers. Service providers can take advantage of the high SFP density switches to structure the aggregation of Fibre to the Building (FTTB) networks that they extend to the subscriber's sites.

Buffer Memory	2MB
Power over Ethernet (PoE)	Yes , 370W
Fixed Ports	52 port(s) x RJ-45 , 10/100/1000Mbps ,
Dimensions	44.1cm (W) x 31.0cm (D) x 4.4cm (H) - Weight 6.24kg

Features

∗ **Five different models in the Series, including PoE/PoE+ versions**

∗ **Multiple functions in a single device: switching, routing, PoE, eliminating the need of purchasing multiple routers and switches**

∗ **Physical stacking architecture: up to 576 Gigabit ports on a single stack**

∗ **Web-based GUI for easy management**

∗ **Comprehensive security features, including Microsoft NAP**

∗ **Comprehensive IPv6 support**

∗ **SD card slot to store and restore configuration files**

∗ **Green technology - Power-saving mode, time-base PoE, Smart Fans**

Specification

General

The DGS-3420 Series of next generation Layer 2+ Gigabit switches delivers performance, flexibility, security, multi-layer QoS and access control, along with redundant power solutions for SMBs and enterprises. With high Gigabit port densities, Gigabit SFP and 10-Gigabit SF + support, and advanced software solutions, these switches can act as either departmental access layer devices or aggregation switches to form a multilevel network structured with backbone and centralised high-speed servers. Service providers can take advantage of the high SFP density switches to structure the aggregation of Fibre to the Building (FTTB) networks that they extend to the subscriber's sites.

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Information

We have very limited data about this product. Please contact us from more information.

Memory

Buffer Memory	2MB

Routing

Layer 2 Services	MAC Address Table: 16K Flow Control: 802.3x Flow Control/HOL Blocking Prevention Jumbo Frame up to 13K Bytes IGMP snooping: IGMP v1/v2/v3 Snooping/Supports 960 groups/Port/Host-based/IGMP Snooping/Fast Leave MLD Snooping: MLD v1/v2 Snooping/Supports 480 groups/Host-based MLD Snooping Fast Leave Spanning Tree: 802.1D-2004 STP/802.1w RSTP/802.1Q-2005 MSTP/BPDU filtering/Root Restriction Loopback Detection 802.3ad Link Aggregation: Max. 32 groups per device/8 Gigabit ports or 2 10 Gigabit ports per group Port Mirroring: Support 4 Mirroring Groups/Support One-to-One, Many-to-One, Flow-based, and RSPAN mirroring L2 Protocol Tunneling ERPS (Ethernet Ring Protection Switching)
Layer 3 Services	256 IP interfaces Loopback interface IPv6 Tunneling Proxy ARP Gratuitous ARP 1K routing entries shared by IPv4/v6: Max. 1K IPv4 routes/Max. 512 IPv6 routes 2K L3 forwarding entries shared by IPv4/v6: Max. 2K IPv4 entries/Max. 1K IPv6 entries 256 static routing entries for IPv4, 128 entries for IPv6 RIP v1/v2 RIPng (IPv6)

Performance

MAC Addresses	16,000
Port Bandwidth	10/100/1000Mbps
Stacking Capabilities	12 Units Per Stack

Interfaces/Ports

Network Speeds Supported	10/100/1000MBps
Power over Ethernet (PoE)	Yes , 370W
Power over Ethernet (PoE) Standards	IEEE 802.3af 802.3at

![Memory Express logo](Me memory express 020 8453 9700)

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Fixed Ports	52 port(s) x RJ-45 , 10/100/1000Mbps ,
Console Ports	1 x RJ-45
Management Port	1 x 10/100 Ethernet Port

Compliance

Standards Compliance	RFC1213 MIB-II RFC1493 Bridge MIB RFC1907 SNMPv2 MIB RFC2571~2576 SNMP MIB RFC1271, 2819 RMON MIB RFC2021 RMON v2 MIB RFC2665 Ether-like MIB RFC2668 MAU MIB RFC2674 802.1p MIB RFC2233, 2863 IF MIB RFC2618 RADIUS Authentication Client MIB RFC1724 RIP v2 MIB RFC2096 IP Forwarding Table MIB (CIDR) RFC2620 RADIUS Accounting Client MIB Ping MIB Traceroute MIB D-Link Private MIB RFC768 UDP RFC783 TFTP RFC 791 IP RFC 793 TCP RFC 826 ARP RFC854 Telnet RFC951, 1542 BootP RFC2068 HTTP RFC3056, 5214 IPv6 Tunnel RFC2138 RADIUS RFC2139 RADIUS Accounting RFC1492 TACACS RFC3176 sFlow RFC2598 DiffServ Expedited Forwarding
Emissions	FCC Class A CE Class A VCCI Class A IC C-Tick
Safety	CB cUL LVD

System

Management Capabilities	Web-based GUI Command Line Interface (CLI) Telnet Server Telnet Client TFTP Client ZModem SNMP v1/v2c/v3 SNMP Trap System Log RMON v1: Supports 1,2,3,9 Groups RMON v2: Supports ProbeConfig Group sFlow LLDP/LLDP-MED BootP/DHCP Client DHCP Auto-Configuration DHCP Relay DHCP Relay Option 60, 61 DHCP Relay Option 82 DHCP Server Flash File System Multiple Images Multiple Configurations CPU Monitoring Debug Command SNTP ICMPv6 DHCPv6 Client DHCPv6 Relay DHCPv6 Server Trusted Host MTU Setting Microsoft NLB Support UDP helper 4
Certifications	IPv6 Ready Logo Phase 2
Security	SSH v2 SSL v1/v2/v3 Port Security up to 64 MAC addresses per port Broadcast/Multicast/Unicast Storm Control Traffic Segmentation IP-MAC-Port Binding: ARP Packet Inspection/IP Packet Inspection/DHCP Snooping/DHCPv6 and NDP Snooping/Supports up to 500 Address Binding Entries per device D-Link Safeguard Engine DHCP Server Screening CPU Interface Filtering ARP Spoofing Prevention BPDU Attack Protection

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Electrical

Voltage/Power/Frequency   100 to 240VAC / 50Hz

Environmental

Environmental   Operating Temperature 0 to 50C - Humidity 10 to 90%

Physical

Case Colour   Black

Dimensions   44.1cm (W) x 31.0cm (D) x 4.4cm (H) - Weight 6.24kg

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About Memory Express

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.

Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

We're proud to have built up a wide variety of partnerships with quality vendors and many of our staff hold certifications from top tier manufacturers including Microsoft, Acronis, Symantec and VMWare.

Our clients vary in size from SMEs to many of the UK's largest corporates, government departments, schools and universities, and we're pleased to say that most have been our customers for many, many years - we believe in long term business relationships, not turning a quick profit. Why not contact us now to see how we can help you get the quality of service they already enjoy?