Gigabit L2+ Managed Switch

L2+ switch with 26 ports delivers management simplicity, lower cost of ownership, plus fibre uplinks.

- 802.3az Energy-Efficient Ethernet saves on power costs.
- Ideal for video streaming, VoIP, and Wi-Fi client applications.
- IGMP limits bandwidth-heavy multicast traffic.
- RADIUS based 802.1x network access control plus port security.
- Configurable QoS parameters for prioritizing and managing traffic.
- Device Management System (DMS) supports graphical monitoring and configuration.
- Features DHCP server, IPv4/IPv6 management, and LLDP.
- L2+ features make this switch provide easy manageability, robust security, and QoS.
- Management interfaces include HTTP/HTTPS, Telnet/SSH, SNMP, console port.
- Offers high-performance and environment flexibility for both SMB and entry-level enterprise networks.

Photo may vary from actual product

Product	Code		Unit price	Stock
Web GUI + SNMP V1/2/3				
(24) 10/100/1000M + (2) 100/1000 RJ45/SFP + (1) console port	Gigabit L2+ Managed Switch	LGB1126A-R2	Sign in	- ⓘ

Accessories

Product	Code	Unit price	Stock
SFP, 1250-Mbps, Extended Temperature, SerDes/SGMII			
SFP, 1250-Mbps, Extended Temp., SerDes Interface RJ-45, 100-m - SerDes	LFP415	Sign in	- ⓘ
SFP, 1250-Mbps, Extended Temp., SGMII Interface RJ-45, 100-m - SGMII	LFP416		
SFP 1250-Mbps Fiber with Extended Diagnostics			
SFP, 1250-Mbps, Extended Temp., 850-nm MM LC, 550-m - 850nm MM LC, 550m	LFP411	Sign in	999+ ⓘ

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SFP, 1250-Mbps, Extended Temp., 1300-nm MM LC, 2-km - 1300nm MM LC, 2km		LFP412	Sign	
SFP, 1250-Mbps, Extended Temp., 1310-nm SM LC, 10-km - 1310nm SM LC, 10km		LFP413	Sign in	99+
SFP, 1250-Mbps, Extended Temp., 1310-nm SM LC, 40-km - 1310nm SM LC, 40km		LFP414	Sign in	0
SFP Modules 155 Mbps extended diagnostics				
SFP, 155-Mbps, Extended Temp., 850-nm MM LC, 2-km - 850nm MM LC, 2km		LFP401	Sign in	99+
SFP, 155-Mbps, Extended Temp., 1300-nm MM LC, 2-km - 1300nm MM LC, 2km		LFP402	Sign in	99+
SFP, 155-Mbps, Extended Temp., 1310-nm SM LC, 30-km - 1310nm SM LC, 30km		LFP403	Sign in	99+

In-depth info

These capable Layer 2+ switches offers 24 autosensing 100-/1000-Mbps RJ-45 Ethernet ports. LGB1126A-R2 has also two dual-media ports, each of which consists of one 100-/1000-Mbps RJ-45 port plus a 100-/1000-Mbps SFP port. The dual-media ports can be used either as a normal UTP Ethernet port for copper connections or adapted to fiber through the use of an SFP.

Port Aggregation

You can also bundle multiple ports to create a single high-bandwidth port using 802.3ad LACP aggregation. LGB1126A-R2 supports 4 ports per group and up to 13 groups total. Combine Gigabit ports, for instance, to create a multilink trunk for load sharing. It's especially beneficial in switch-to-switch cascading applications where you require higher full-duplex speeds.

IGMP

The switch supports 1024 multicast groups. Broadcast/multicast/ unicast storm control enables you to restrict excess traffic on your network. Plus, it has IGMP (v1/v2/v3) for limiting bandwidth-heavy multicast traffic.

Very manageable

The switch is fully managed, supporting SNMP version 1, 2c, and 3. The embedded RMON software agents support RMON groups 1 (history), 2 (statistics), 3 (alarms), and 9 (events). It also includes a DHCP server to assign IP to DHCP clients.

The integral Web server enables Web-based management via Web browser. This GUI interface enables switch configuration, system dashboard, maintenance, and monitoring. In addition, a Device Management System provides topology and map view graphical monitoring, traffic monitoring, and troubleshooting.

The wide range of management and support features also includes dual image, port mirroring, LLDP, sFlow®, UPnP®, IPv6, SSH, RADIUS, DHCP Client/DHCPv6 Client, SNTP, cable diagnostics, ping, syslog, and Telnet client with SSH security.

Support for VLAN and QoS

The switch supports up to 4000 simultaneous VLANs for isolating guest traffic from your critical corporate network traffic. You can segment traffic with port-based, 802.1Q tag-based, or MAC-based VLANs.

Plus, you can also program higher-layer classification and prioritization for reliable Quality of Service (QoS).802.1p Layer 2 QoS enables prioritization of time-sensitive applications, such as VoIP and video.

Highly Secure

You get enterprise-class security features, too. In addition to the switch's VLAN support, it boasts 802.1X port-based network access control for authenticating devices connecting to your network. In addition,

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the switch supports SNMPv3 cryptographic security, SSH, and SSL for remote management via a connection that encrypts the packet content at each session. Plus, you can set up a guest VLA visitors to access the Internet without also giving them access to the corporate network. By using its extensive ACLs (up to 256 entries total), you can keep guests or unauthorized users from accessing sensitive portions of your network.

Green

The Gigabit Ethernet Managed Switch features IEEE 802.3az Energy-Efficient Ethernet, which scales down power consumption during periods of low data activity. This feature adds up to energy savings of up to 50%.

Technical data

Approvals — CE, FCC Part 15, Class A

Forward Capacity — 38.68 Mbps

Jumbo Frames — 9216 bytes

MAC Table — 8K

Switching Capacity — 52Gbps

Connectors —

(24) 10-/100-/1000-Mbps RJ-45 UTP;

(2) dual-media with (1) 100-/1000-Mbps UTP and (1) 100-/1000-Mbps SFP fiber;

(1) RJ-45 serial console

Power — Internal power supply, 100–240 VAC, 50-60 Hz

Environmental —

Operating Humidity: 10 to 90%, noncondensing

Operating Temperature: 0 to 40 °C

Storage Temperature: -20 to +70° C

Dimensions — 4.4 x 44.2 x 21.1 cm

[b]Weight — 2.5 kg

Package content

• (26) Port L2+ Gigabit Managed Switch

• (1) AC power cord

• (1) 19" rackmount kit

• (1) DB9 to RJ-45 console cable

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