

LGS328MPC

Switch Type

- Managed

Switch Ports

- 24

PoE+ Budget

- 251W - 410W

PoE Support

- Yes

Power Consumption

- 500.46W

Jumbo Frame (FE, GE)

- 12Kbytes

LEDs

- Power, Fault, PoE Max, LAN Mode, PoE Mode

VLAN

- Port-based and 802.1q VLANs, Management VLAN, Guest VLAN support

Memory

- 512MB

Forwarding Rate

- 95.4 Mpps

Dimensions (LxWxH)

- 17.32 x 10.12 x 1.73 in
- 440 x 257 x 44 mm

Weight

- 3798 g (8.73 lb)

Number of VLANs Supported

- 256 active VLANs (4,096 range)

Operating Humidity

- 10 to 90% RH

Operating Temperature

- 0 to 50°C (32 to 122°F)

Ports

- 24 Gigabit Ethernet
- 4 10G SFP+

Power Dedicated to PoE+

- 410W

Security Features

- 802.1x Radius authentication
- DHCP snooping
- DOS Attack Prevention
- IP-MAC binding
- Port Isolation (Protected Ports)
- Port Security (256 max entries per port)

Rate Limiting

- Rate limit according to network speed, 12kbps~1000Mbps: in steps of 16kbps

Power Input

- 100–240V
- 50–60 Hz
- 7A

Spanning Tree

- IEEE 802.1d Spanning Tree, IEEE 802.1w Rapid Spanning Tree, IEEE 802.1s Multiple Spanning Trees (16 instances)

Quality Of Service

- 8 hardware queues
- Port-based, 802.1p priority-based, IPv4/v6 IP DSCP-based
- Strict, Weighted Round Robin (WRR)

Storage Temperature

- -20 to 70°C (-4 to 158°F)

Warranty and Support

- 2 Year Warranty (Australia and New Zealand)
- 5 Year Warranty (most countries)

RMON

- Embedded remote monitoring (RMON 1, 2, 3, 9) software agent support for enhanced traffic management, monitoring, and analysis

MAC Address Table Size

- 16K

Switching Capacity

- 128 Gbps

HOL Blocking Prevention

- Head of line (HOL) blocking prevention

Auto Voice VLAN

- Voice traffic is automatically assigned by OUI to a voice-specific VLAN and treated with appropriate levels

Other Management

- Telnet, SSH, DHCP client, system log, configuration upload and backup via HTTP or TFTP, PING, Traceroute, dual images, SNTP

Link Aggregation

- IEEE 802.3ad LACP, up to 8 groups with up to 8 ports per group

Access Control

- Ingress, MC Based ACL, IPv4 Based ACL, IPv6 Based ACL, ACL Binding, Action: permit/deny

Storm Control

- Support broadcast/unknown multicast/unknown unicast 16kbps~1000Mbps: in steps of 16kbps

Management Interface

- HTTP
- HTTPS

Routing

- Static Routing, IPv4 (63 max entries), IPv6 (21 max entries)

SNMP

- Version 1
- Version 2c
- Version 3

Fans

- 2, 8200 rpm (at full speed)

Storage Humidity

- 5 to 95% RH (non-condensing)

IGMP Snooping

- IGMP (v1/v2/v3) snooping provides for fast client joins and leaves of multicast streams and limits bandwidth-intensive video traffic to only the requestors; supports 256 multicast groups

Power Saving

- EEE

Port Mirroring

- Traffic on multiple ports (up to 3 ports) can be mirrored to another port for analysis with a network analyzer

Firmware Upgrade

- TFTP
- Web Browser (HTTP/HTTPS)