LiteWave Unmanaged Switch | Datasheet

LS1005G-M2

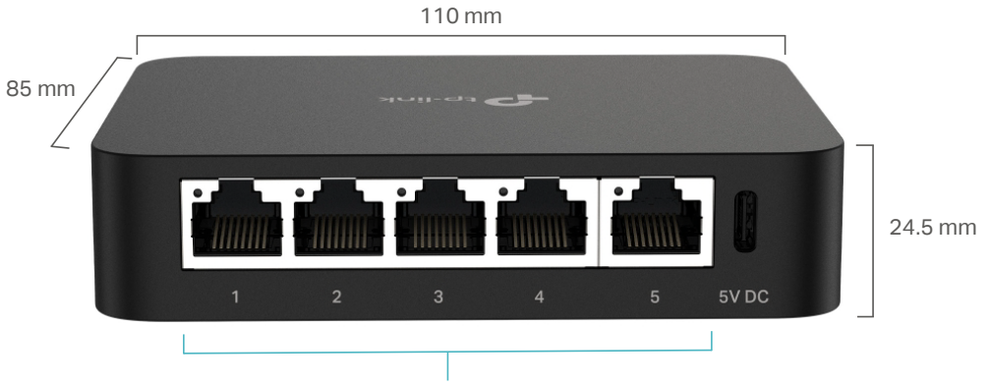
5-Port 2.5G Multi-Gigabit Desktop Switch



Highlights

- **Five 2.5 Gbps Ports:** 5× 2.5-Gigabit ports unlock the highest performance of your Multi-Gig bandwidth and devices, and provide up to 25 Gbps of switching capacity.
- **Super-Fast Connections:** Provides super-fast connections to 2.5G NAS, 2.5G Server, gaming computer, 2.5G WiFi 6/6E/7 AP, 4K video, and more.
- **Ideal for Various Scenarios:** Built for LAN parties, home entertainment, small and home offices, and instant transfer for workstations,
- **Hassle-Free Cabling:** Instantly upgrade to 2.5 Gbps without the need to upgrade to Cat6 wiring, reducing wiring costs and hassle.*
- **Multicast Optimization:** Optimizes multi-media traffic delivery and boosts network flexibility.
- **Silent Operation:** Industry-leading fanless design ensures silent operation, ideal for any home or business.
- **Plug and Play:** Allows for easy deployment without the need for a technician.
- **Flexible Mounting:** Compact in size and flexible in placement—set it on a desk or mount it on the wall.

Product Picture



5× 100 Mbps/1 Gbps/2.5 Gbps RJ45 Ports

Specifications

Model	LS1005G-M2
Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3bz, IEEE802.3x, IEEE802.1p
Interface	• 5× 100 Mbps/1 Gbps/2.5 Gbps RJ45 Ports • AUTO Negotiation/AUTO MDI/MDIX
Network Media (Cable)	• 100Base-TX: 2-pair UTP category 5 cable or above (maximum 100m) • 1000Base-T: 4-pair UTP category 5e cable or above (maximum 100m) • 2.5GBase-T: 4-pair UTP category 5e cable or above (maximum 100m)
Transmission Method	Store-And-Forward
Packet Forwarding Rate	18.6 Mpps
Switch Capacity	25 Gbps
MAC Address Table	4K
Packet Buffer Capacity	8 Mbit
Jumbo Frame	12 KB
Power Supply	External Power Adapter (Output: 5V DC/1.0 A)
Max Power Consumption	6.5 W (110V/60Hz) 6.4 W (220V/50Hz)
Max Heat Dissipation	22.03 BTU/h (110V/60Hz) 21.90 BTU/h (220V/50Hz)
MTBF	874,377 h @ 25°C
Fan Quantity	Fanless
Installation	Desktop/Wall Mount
Dimensions (W x D x H)	4.3 × 3.3 × 1.0 in (110 × 85 × 24.5 mm)
Weight	0.26 kg (0.57 lbs) (Adapter Included)
Operating Temperature	-5 ° C to 40 °C (23 °F to 104 °F)
Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 90% non-condensing
Package Contents	Switch, Power Adapter, Installation Guide
Certification	CE, FCC

www.tp-link.com

*Only Cat5e or better cables do not need to be replaced.

Specifications are subject to change without notice. All brands and product names are trademarks or registered trademarks of their respective holders. © 2026 TP-Link