



Easy and Reliable Network Expansion

1GbE Easy Smart Switches,
10GbE/2.5GbE/1GbE/FE Unmanaged Switches

Plug and Play | Auto-Negotiation | Silent Operation
250 m PoE Transmission | Green Technology



Experience Future Networking with Lightning-Fast Connections

10G / 2.5G Multi-Gigabit Unmanaged Switches

TP-Link 10G and 2.5G switches unlock the highest potential of your multi-gig bandwidth and devices. They are ideal for gaming, LAN party, and home entertainment, as well as use in small offices and home offices. Don't hesitate to enjoy the highest performance of your NAS, server, gaming computer, workstation, 8K video, Wi-Fi 6 AP, USB to Ethernet adapter, and more.



TL-SX1008 / TL-SX105



TL-SG105S-M2 / TL-SG108S-M2 / TL-SG105PP-M2



10G Multi-Gigabit Unmanaged Switches

Futuristic Networking with Lightning-Fast 10G/Multi-Gig Connections



10G Ports
Lightning-fast connections



Optimal 5-Speed Connections
100Mbps/1G/2.5G/5G/10G auto-negotiation



Intelligent Fan Speed
Intelligent cooling algorithm seeks maximum performance*



Plug & Play
Easy installation, no configuration required



Metal Casing
Premium design with remarkable durability

2.5G Multi-Gigabit Unmanaged Switches

Upgrade to a Super-Fast, Futuristic Network Without Changing Cables



2.5G Ports
Super-fast connections



Hassle-Free Cabling
Upgrade to 2.5G without changing cables**



Silent Operation
Industry-leading fanless design



Plug & Play
Easy installation, no configuration required



Metal Casing
Premium design with remarkable durability

		Rackmount		Desktop		
Product Picture						
Model		TL-SX1008	TL-SX105	TL-SG108S-M2	TL-SG105S-M2	TL-SG105PP-M2
Product Description		8-Port 10G Multi-Gigabit Desktop/Rackmount Switch	5-Port 10G Multi-Gigabit Desktop Switch	8-Port 2.5G Multi-Gigabit Desktop Switch	5-Port 2.5G Multi-Gigabit Desktop Switch	5-Port 2.5G Desktop Switch with 4-Port PoE++
Hardware	10G RJ45 Ports	8	5	-	-	-
	2.5G RJ45 Ports	-	-	8	5	5
	Fanless	1 Fan	✓	✓	✓	✓
	Auto-Negotiation Ports	100Mbps/1Gbps/2.5Gbps/5Gbps/10Gbps Auto-Negotiation			10 Mbps/100 Mbps/1 Gbps/2.5 Gbps Auto-Negotiation	
	Dimensions (W × D × H)	11.6×7.1×1.7 in (294×180×44 mm)	8.9×5.2×1.4 in (226×131×35 mm)	6.2×4.0×1.0 in (158×101×25.4 mm)	3.9×3.9×1.0 in (99.8×98×25 mm)	8.2×4.9×1.0 in (209×126×26 mm)
	Installation	Rackmount/Desktop	Desktop/Wall-Mounting	Desktop/Wall-Mounting		
	Operating Temperature	0–50 °C (32–122 °F)		0–40 °C (32–104 °F)		
Performance	Environment	Storage Temperature: -40–70 °C (-40–158 °F); Operating Humidity: 10–90% RH Non-Condensing; Storage Humidity: 5–90% RH Non-Condensing				
	Switch Capacity	160 Gbps	100 Gbps	40 Gbps	25 Gbps	25 Gbps
	Forwarding Rate	119.0 Mpps	74.4 Mpps	29.8 Mpps	18.6 Mpps	18.6 Mpps
	MAC Address Table	16 K			4 K	
Software Features	Jumbo Frame	10 KB			12 KB	
	QoS	✓				
	Flow Control	✓				
	MAC Address Learning	✓				

*TL-SX105 is equipped with fanless design, ensuring silent operation.

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

Easy Smart — Easy to Use with Simple Management Capabilities

Easy Smart PoE Switches

		Rackmount			Desktop			
Product Picture								
Model		TL-SG1428PE	TL-SG1218MPE	TL-SG1016PE	TL-SG1210MPE	TL-SG108PE	TL-SG105MPE	TL-SG105PE
Hardware	Gigabit RJ45 Ports	26	18	16	10	8	5	5
	Gigabit SFP Ports	2× SFP Ports	2× Combo SFP Ports	-	1× Combo SFP Port	-		
	Power Supply	100–240 VAC, 50/60 Hz			DC Power Adapter			
	Fanless	2 Fans	2 Fans	1 Fan	√			
	Auto-Negotiation Ports	10/100/1000 Mbps Auto-Negotiation						
	Dimensions (W×D×H)	17.3×8.7×1.7 in (440×220×44 mm)	17.3×7.1×1.7 in (440×180×44 mm)	11.6×7.1×1.7 in (294×180×44 mm)	8.2×4.9×1.0 in (209×126×26 mm)	6.2×4.0×1.0 in (158×101×25 mm)	3.9×3.9×1.0 in (99.8×98×25 mm)	3.9×3.9×1.0 in (99.8×98×25 mm)
	Installation	Rackmount		Rackmount/Desktop	Desktop/Wall-Mounting			
	Operating Temperature	0–50°C (32–122 °F)			0–40°C (32–104 °F)			
	Environment	Storage Temperature: -40–70 °C (-40–158 °F); Operating Humidity: 10–90% RH Non-Condensing; Storage Humidity: 5–90% RH Non-Condensing						
PoE	PoE Standard	802.3af/at						
	PoE Port	24× PoE+	16× PoE+	8× PoE+	8× PoE+	4× PoE+	4× PoE+	4× PoE+
	PoE Power Budget	250 W	250 W	150 W	123 W	64 W	120 W	65 W
	PoE Auto Recovery	√						
Performance	Switch Capacity	56 Gbps	36 Gbps	32 Gbps	20 Gbps	16 Gbps	10 Gbps	10 Gbps
	Forwarding Rate	41.7 Mpps	26.8 Mpps	23.8 Mpps	14.9 Mpps	11.9 Mpps	7.4 Mpps	7.4 Mpps
	MAC Address Table	8 K			4 K		2 K	
Software Features	Manageable	Web-Based GUI; Management Utility						
	Link Aggregation	Static LAG						
	VLAN	MTU/Port/802.1Q VLAN						
	QoS	Port/802.1p/DSCP						
	Others	V1/V2/V3 IGMP Snooping, Port Mirroring, Cable Test, Loop Prevention, Flow Control, Rate Limit						

Easy Smart Non-PoE Switches

		Rackmount		Desktop	
Product Picture					 
Model		TL-SG1024DE	TL-SG1016DE	TL-SG116E	TL-SG108E TL-SG105E
Hardware	Gigabit RJ45 Ports	24	16	16	8 5
	Power Supply	100–240 VAC, 50/60 Hz		DC Power Adapter	
	Fanless	√			
	Auto-Negotiation	10/100/1000 Mbps Auto-Negotiation			
	Dimensions (W×D×H)	11.6×7.1×1.7 in (294×180×44 mm)		11.3×4.4×1.0 in (286×112×25 mm)	6.2×4.0×1.0 in (158×101×25 mm) 3.9×3.9×1.0 in (100×98×25 mm)
	Installation	Rackmount/Desktop		Desktop/Wall-Mounting	
	Environment	Operating Temperature: 0-40°C (32-104°F) Storage Temperature: -40-70 °C (-40-158 °F) ; Operating Humidity: 10-90% RH Non-Condensing; Storage Humidity: 5-90% RH Non-Condensing			
Performance	Switch Capacity	48 Gbps	32 Gbps	32 Gbps	16 Gbps 10 Gbps
	Forwarding Rate	35.7 Mpps	23.8 Mpps	23.8 Mpps	11.9 Mpps 7.4 Mpps
	MAC Address Table	8 K		8 K	4 K 2 K
	Jumbo Frame	10 KB		10 KB	16 KB
Software Features	Manageable	Web-Based GUI; Management Utility			
	Link Aggregation	Static LAG			
	VLAN	MTU/Port/802.1Q VLAN			
	QoS	Port/802.1p/DSCP			
	Others	V1/V2/V3 IGMP Snooping, Port Mirroring, Cable Test, Loop Prevention, Flow Control, Rate Limit			

*These products are being developed and the product images and specifications may vary.
**A combo port allows the use of either the RJ45 or SFP port, with only one port in the pair being active at any given time.

Unmanaged Gigabit — Ideal for Growing SMBs, Plug and Play

Unmanaged Gigabit PoE Switches

		Rackmount			Desktop			
Product Picture								
Model		TL-SG1218MP	TL-SG1008MP	TL-SG1116P	TL-SG1210PP	TL-SG1210MP	TL-SG1210P	TL-SG1008P
Hardware	Gigabit RJ45 Ports	18	8	16	10	10	9	8
	Gigabit SFP Ports	2× Combo SFP Ports	-	-	1× Combo SFP Port	1× Combo SFP Port	1× SFP Port	-
	Power Supply	100–240 VAC, 50/60 Hz			DC Power Adapter			
	Fanless	2 Fans	1 Fan	√				
	Auto-Negotiation	10/100/1000 Mbps Auto-Negotiation						
	Dimensions (W×D×H)	17.3×7.1×1.7 in (440×180×44 mm)	11.6×7.1×1.7 in (294×180×44 mm)	11.3×4.4×1.0 in (286×111.7×25.4 mm)	8.2×5.0×1.0 in (209×126×26 mm)	8.2×4.9×1.0 in (209×126×26 mm)	8.2×4.9×1.0 in (209×126×26 mm)	6.7×3.9×1.1 in (171×98×27 mm)
	Installation	Rackmount	Rackmount/Desktop	Desktop/Wall Mounting				
	Housing	Metal						
	Operating Temperature	0–50 °C (32–122 °F)			0–40 °C (32–104 °F)			
PoE	Environment	Storage Temperature: -40–70 °C (-40–158 °F); Operating Humidity: 10–90% RH Non-Condensing; Storage Humidity: 5–90% RH Non-Condensing						
	PoE Standard	802.3af/at	802.3af/at	802.3af/at	802.3af/at/bt	802.3af/at	802.3af/at	802.3af/at
	PoE Port	16× PoE+	8× PoE+	16× PoE+	2× PoE++, 6× PoE+	8× PoE+	8× PoE+	4× PoE+
	PoE Power Budget	250 W	153 W	120 W	123 W	123 W	63 W	64 W
	PoE Auto Recovery	Ports 1-16	Ports 1–8	Ports 1-16	Ports 1–8	Ports 1–8	Ports 1–8	Ports 1–4
	250 m PoE Transmission (Extend Mode)	Ports 1–4	Ports 1–2	Ports 1–4	Ports 1–4	Ports 1–4	Ports 1–4	Ports 1–2
	Priority Mode	Ports 1–4	-	Ports 1–4	Ports 1–2	Ports 1–2	Ports 1–2	-
	Isolation Mode	Ports 1–8 / 9-16	-	Ports 1–7 / 8-14	Ports 1–4 / 5-8	Ports 1–4 / 5–8	Ports 1–4 / 5–8	-
Performance	Switch Capacity	36 Gbps	16 Gbps	32 Gbps	20 Gbps	20 Gbps	20 Gbps	16 Gbps
	Forwarding Rate	26.8 Mpps	11.9 Mpps	23.8 Mpps	14.9 Mpps	14.9 Mpps	14.9 Mpps	11.9 Mpps
	MAC Address Table	8 K	4 K	8 K	4 K	4 K	4 K	4 K
Software Features	IGMP Snooping	-	√	√	√	√	√	√
	QoS	802.1p/DSCP						
	Others	Green Technology, Flow Control						

		Desktop					
Product Picture							
Model		TL-SG1006PP	TL-SG1005P-PD	TL-SG1005P	TL-SG1005LP	LS1210GP	LS108GP
Hardware	Gigabit RJ45 Ports	6	5	5	5	9	8
	Gigabit SFP Ports	-	-	-	-	1	-
	Power Supply	DC Power Adapter					
	Fanless	√					
	Auto-Negotiation	10/100/1000 Mbps Auto-Negotiation					
	Dimensions (W×D×H)	6.2×4.0×1.0 in (158×101×25 mm)	6.2×4.0×1.0 in (158×101×25 mm)	3.9×3.9×1.0 in (99.8×98×25 mm)	3.9×3.9×1.0 in (99.8×98×25 mm)	8.2×4.9×1.0 in (209×126×26 mm)	6.2×3.9×1.0 in (158×99×25 mm)
	Installation	Desktop/Wall Mounting					
	Housing	Metal					
	Operating Temperature	0–40 °C (32–104 °F)					
PoE	Environment	Storage Temperature: -40–70 °C (-40–158 °F); Operating Humidity: 10–90% RH Non-Condensing; Storage Humidity: 5–90% RH Non-Condensing					
	PoE Standard	802.3af/at/bt			802.3af/at		
	PoE Port	1× PoE++, 3× PoE+	1× PoE++ in, 4× PoE+ out	4× PoE+	4× PoE+	8× PoE+	8× PoE+
	PoE Power Budget	64 W	Up to 66 W*	65 W	40 W	61 W	62 W
	PoE Auto Recovery	Ports 1–4	Ports 1–4	Ports 1–4	-	Ports 1–8	Ports 1–8
	250 m PoE Transmission (Extend Mode)	Ports 1–2	Ports 1–2	Ports 1–2	-	Ports 1–4	Ports 1–2
	Priority Mode	-	-	-	-	-	-
	Isolation Mode	-	-	-	-	Ports 1–8	-
Performance	Switch Capacity	12 Gbps	10 Gbps	10 Gbps	10 Gbps	20 Gbps	16 Gbps
	Forwarding Rate	8.9 Mpps	7.4 Mpps	7.4 Mpps	7.4 Mpps	14.9Mpps	11.9 Mpps
	MAC Address Table	4 K	2 K	2 K	2 K	4 K	4 K
Software Features	IGMP Snooping	√	√	√	√	√	√
	QoS	802.1p/DSCP					
	Others	Green Technology, Flow Control					

*PoE Power Budget of TL-SG1005P-PD: 66 W when powered by 802.3bt Type 4 (90 W), 47 W when powered by 802.3bt Type 3 (60 W), 21 W when powered by 802.3at, 9 W when powered by 802.3af.

Unmanaged Gigabit — Ideal for Growing SMBs, Plug and Play

Unmanaged Gigabit Non-PoE Rackmount Switches

		Rackmount					
Product Picture							
Model		TL-SG1048	TL-SG1024	TL-SG1016	TL-SG1024D	TL-SG1016D	TL-SG1008
Hardware	Gigabit RJ45 Ports	48	24	16	24	16	8
	Power Supply	100~240 VAC, 50/60 Hz					
	Fanless	√					
	Auto-Negotiation	10/100/1000 Mbps Auto-Negotiation					
	Dimensions (W×D×H)	17.3×8.7×1.7 in (440×220×44 mm)	17.3×5.5×1.7 in (440×140×44 mm)			11.6×5.5×1.7 in (294×140×44 mm)	
	Installation	Rackmount				Rackmount/Desktop	
	Housing	Metal					
	Environment	Operating Temperature: 0~40℃ (32~104 ℉) ; Storage Temperature: -40~70 ℃ (-40~158 ℉) ; Operating Humidity: 10~90% RH Non-Condensing; Storage Humidity: 5~90% RH Non-Condensing					
Performance	Switch Capacity	96 Gbps	48 Gbps	32 Gbps	48 Gbps	32 Gbps	16 Gbps
	Forwarding Rate	71.4 Mpps	35.7 Mpps	23.8 Mpps	35.7 Mpps	23.8 Mpps	11.9 Mpps
	MAC Address Table	16 K	8 K				4 K
Software Features	IGMP Snooping	-					V1/V2
	QoS	-	802.1p/DSCP				
	Loop Prevention	-	√				-
	Isolation Mode	-	√				-
	Others	Green Technology, Flow Control					

Unmanaged Gigabit Non-PoE Desktop Switches

		Desktop								
Product Picture										
Model		TL-SG116	TL-SG108	TL-SG105	TL-SG1008D	TL-SG1005D	LS108G	LS105G	LS1008G	LS1005G
Hardware	Gigabit RJ45 Ports	16	8	5	8	5	8	5	8	5
	Power Supply	DC Power Adapter								
	Fanless	√								
	Auto-Negotiation	10/100/1000 Mbps Auto-Negotiation								
	Dimensions (W×D×H)	11.3×4.4×1.0 in (286×112×25 mm)	6.2×4.0×1.0 in (158×100×25 mm)	3.9×3.9×1.0 in (100×98×25 mm)	7.1×3.5×1.0 in (180×90×25.5 mm)	5.5×3.5×0.9 in (140×88×23 mm)	6.2×3.9×1.0 in (158×99.1×25 mm)	3.9×3.9×1.0 in (99.8×98×25 mm)	5.0×2.6×0.9 in (127×66.5×23 mm)	3.5×2.8×0.9 in (90×72×23 mm)
	Installation	Desktop/Wall-Mounting								
	Housing	Metal			Plastic		Metal		Plastic	
	Environment	Operating Temperature: 0~40℃ (32~104 ℉) ; Storage Temperature: -40~70 ℃ (-40~158 ℉) ; Operating Humidity: 10~90% RH Non-Condensing; Storage Humidity: 5~90% RH Non-Condensing								
Performance	Switch Capacity	32 Gbps	16 Gbps	10 Gbps	16 Gbps	10 Gbps	16 Gbps	10 Gbps	16 Gbps	10 Gbps
	Forwarding Rate	23.8 Mpps	11.9 Mpps	7.4 Mpps	11.9 Mpps	7.4 Mpps	11.9 Mpps	7.4 Mpps	11.9 Mpps	7.4 Mpps
	MAC Address Table	8 K	4 K	2 K	4 K	2 K	4 K	2 K	4 K	2 K
Software Features	IGMP Snooping	V1/V2			-		-			
	QoS	802.1p/DSCP							-	
	Loop Prevention	-	√	√	-					
	Other	Green Technology, Flow Control								

Unmanaged FE — Ideal for Surveillance, Plug and Play

Unmanaged FE PoE Switches

		Rackmount			Desktop										
Product Picture															
Model		TL-SL1226P	TL-SL1218MP	TL-SL1218P	TL-SL1311MP	TL-SL1311P	TL-SF1009P	TL-SF1008P	TL-SF1008LP	TL-SF1006P	TL-SF1005P	TL-SF1005LP	LS109P	LS106LP	LS105LP
Hardware	10/100 Mbps RJ45 Ports	24	16	16	8	8	9	8	8	6	5	5	9	6	5
	Gigabit RJ45 Ports	2			2		-								
	Gigabit SFP Ports	2× Combo	2× Combo	1× Combo	1		-								
	Power Supply	100–240 VAC, 50/60 Hz						DC Power Adapter							
	Fanless	2 Fans				√									
	Dimensions (W×D×H)	17.3×7.1×1.7 in (440×180×44 mm)			8.2×5.0×1.0 in (209×126×26 mm)		6.7×3.9×1.1 in (171×98×27 mm)		6.2×4.0×1.0 in (158×101×25 mm)		3.9×3.9×1.0 in (100×98×25 mm)		6.7×3.9×1.1 in (171×98×27 mm)	6.2×4.0×1.0 in (158×101×25 mm)	3.9×3.9×1.0 in (100×98×25 mm)
	Installation	Rackmount				Desktop/Wall-Mounting									
	Housing	Metal													
	Operating Temperature	0–50°C (32–122 °F)				0–40°C (32–104 °F)									
PoE	PoE Standard	802.3af/at			802.3af/at				802.3af	802.3af/at		802.3af	802.3af/at	802.3af	802.3af
	PoE Port	24× PoE+	16× PoE+	16× PoE+	8× PoE+	8× PoE+	8× PoE+	4× PoE+	4× PoE	4× PoE+	4× PoE+	4× PoE	8× PoE+	4× PoE	4× PoE
	PoE Power Budget	250 W	250 W	150 W	124 W	65 W	65 W	66 W	41 W	67 W	67 W	41 W	63 W	41 W	41 W
	PoE Auto Recovery	Ports 1–24	Ports 1–16	Ports 1–16	Ports 1–8	Ports 1–8	Ports 1–8	Ports 1–4	-	Ports 1–4	Ports 1–4	-	Ports 1–8	Ports 1–4	Ports 1–4
	250 m PoE Transmission	Ports 1–8/ 9–16/ 17–24	Ports 1–8/ 9–16	Ports 1–8/ 9–16	Ports 1–4 / 1–8			Ports 1–4					Ports 1–4/1–8	Ports 1–4	Ports 1–4
	Priority Mode	Ports 1–8			-	-	Ports 1–2	Ports 1–2					-	-	-
	Isolation Mode	Ports 1–24	Ports 1–16	Ports 1–16	Ports 1–8			-					Ports 1–8	-	
Performance	Switch Capacity	8.8 Gbps	7.2 Gbps	7.2 Gbps	7.6 Gbps	7.6 Gbps	1.8 Gbps	1.6 Gbps	1.6 Gbps	1.2 Gbps	1.0 Gbps	1.0 Gbps	1.8 Gbps	1.2 Gbps	1 Gbps
	Forwarding Rate	6.5 Mpps	5.4 Mpps	5.4 Mpps	5.7 Mpps	5.7 Mpps	1.3 Mpps	1.2 Mpps	1.2 Mpps	0.9 Mpps	0.7 Mpps	0.7 Mpps	1.3 Mpps	0.9 Mpps	0.7 Mpps
	MAC Address Table	8 K				2 K									
Software Features		Green Technology, Flow Control													

Unmanaged FE Non-PoE Switches

		Rackmount				Desktop					
Product Picture											
Model		TL-SF1048	TL-SF1024 / TL-SF1016	TL-SF1024D / TL-SF1016DS	TL-SF1024M	TL-SF1016D	TL-SF1008D	TL-SF1005D	LS1008	LS1005	
Hardware	10/100 Mbps RJ45 Ports	48	24 / 16	24 / 16	24	16	8	5	8	5	
	Power Supply	100–240 VAC, 50/60 Hz				DC Power Adapter			DC Power Adapter		
	Fanless	√				√			√		
	Auto-Negotiation	10/100 Mbps Auto-Negotiation									
	Dimensions (W×D×H)	17.3×7.1×1.7 in (440×180×44 mm)			11.6×7.1×1.7 in (294×180×44 mm)	8.7×5.0×1.8 in (222×126×45 mm)	7.9×5.6×1.6 in (200×142×40 mm)	5.3×3.1×0.9 in (135×79×23 mm)	4.1×2.8×0.9 in (103×70×22 mm)	4.9×1.9×0.9 in (125×49×23 mm)	3.3×1.8×0.9 in (84×46×23 mm)
	Installation	Rackmount			Rackmount/ Desktop	Desktop			Desktop		
	Housing	Metal				Plastic			Plastic		
Performance	Switch Capacity	9.6 Gbps	4.8 Gbps / 3.2 Gbps	4.8 Gbps / 3.2 Gbps	4.8 Gbps	3.2 Gbps	1.6 Gbps	1.0 Gbps	1.6 Gbps	1.0 Gbps	
	Forwarding Rate	7.1 Mpps	3.6 Mpps / 2.4 Mpps	3.6 Mpps / 2.4 Mpps	3.6 Mpps	2.4 Mpps	1.2 Mpps			0.7 Mpps	
	MAC Address Table	8 K				8 K	2 K				
Software Features	Other	Green Technology, Flow Control									

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