



# Easy and Reliable Network Expansion

1GbE Easy Smart Switches,  
10GbE/2.5GbE/1GbE/1FE 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 potentials 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-SG108-M2 / TL-SG105-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






| Product Picture     |  |   |   |  |  |
|---------------------|--|---|---|--|--|
| Model               |  | TL-SX1008   | TL-SX105                                | TL-SG108-M2                              | TL-SG105-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 |
| Hardware            | 10G RJ45 Ports   | 8   | 5                                       | -  | -  |
|                     | 2.5G RJ45 Ports  | -   | -                                       | 8  | 5  |
|                     | Fanless  | 1 Fan   | •                                       | •  | •  |
|                     | Auto-Negotiation Ports   | 100Mbps/1Gbps/2.5Gbps/5Gbps/10Gbps Auto-Negotiation |   | 100Mbps/1Gbps/2.5Gbps 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)          | 8.9×5.2×1.4 in (226×131×35 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)                      |  |
| Environment         | 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  | 160 Gbps  | 100 Gbps                                | 40 Gbps                                  | 25 Gbps                                  |
|                     | Forwarding Rate  | 119.0 Mbps  | 74.4 Mbps                               | 29.8 Mbps                                | 18.6 Mbps                                |
|                     | MAC Address Table  | 32 K  |   | 16 K                                     |  |
|                     | Jumbo Frame  |   |   | 10 KB                                    |  |
| Software Features   | QoS  | •   |   |  |  |
|                     | Flow Control   | •   |   |  |  |
|                     | MAC Address Learning   | •   |   |  |  |

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






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

# 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  |                                |
| Hardware          | Gigabit RJ45 Ports   | 26  | 18  | 16  | 10   | 8   |                                |
|                   | Gigabit SFP Ports  | 2× SFP Ports  | 2× Combo Gigabit SFP Ports  | -   | 1× Combo Gigabit 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) |
|                   | 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+   |                                |
|                   | PoE Power Budget   | 250 W   | 250 W   | 150 W   | 123 W  | 64 W  |                                |
|                   | PoE Auto Recovery  | •   |   |   |  |   |                                |
| Performance       | Switch Capacity  | 56 Gbps   | 36 Gbps   | 32 Gbps   | 20 Gbps  | 16 Gbps   |                                |
|                   | Forwarding Rate  | 41.7 Mpps   | 26.8 Mpps   | 23.8 Mpps   | 14.9 Mpps  | 11.9 Mpps   |                                |
|                   | MAC Address Table  | 8 K   | 8 K   |   | 4 K  |   |                                |
| Software Features | Manageable   | Web-Based GUI; Management Utility   |   |   |  |   |                                |
|                   | Link Aggregation   | Static LAG  |   |   |  |   |                                |
|                   | VLAN   | MTU/Port/802.1Q VLAN  |   |   |  |   |                                |
|                   | QoS  | 4 Queues/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       | Storage Temperature: -40–70 °C (-40–158 °F); Operating Humidity: 10–90% RH Non-Condensing; Storage Humidity: 5–90% RH Non-Condensing; Operating Temperature: 0–40°C (32–104°F) |   |   |  |   |   |                               |
| 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  | 4 Queues/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.










# Unmanaged Gigabit PoE — Ideal for Growing SMBs, Plug and Play

|                   |  | Rackmount   |   |   | Desktop   |   |   |   |  |
|-------------------|--|---|---|---|---|---|---|---|--|
| Product Picture   |  |  |  |  |  |  |  |  |  |
| Model             |  | TL-SG1218MP   | TL-SG1008MP   | TL-SG1210MP   | TL-SG1210P  | TL-SG1008P  | TL-SG1005P  | TL-SG1005LP   |  |
| Hardware          | Gigabit RJ45 Ports   | 18  | 8   | 9   | 9   | 8   | 5   |   |  |
|                   | Gigabit SFP Ports  | 2× Combo Gigabit SFP Ports  | -   | 1× Combo Gigabit SFP Port   | 1× Gigabit SFP Port   | -   |   |   |  |
|                   | Power Supply   | 100–240 VAC, 50/60 Hz   | 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)   | 8.2×4.9×1.0 in (209×126×26 mm)  |   |   | 6.7×3.9×1.1 in (171×98×27 mm)   | 3.9×3.9×1.0 in (99.8×98×25 mm)  |  |
|                   | Installation   | Rackmount   | Rackmount/Desktop   | Desktop/Wall-Mounting   |   |   |   |   |  |
|                   | Housing  | Metal   |   |   |   |   |   |   |  |
|                   | 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   | 16× PoE+  | 8× PoE+   | 8× PoE+   |   | 4× PoE+   |   |   |  |
|                   | PoE Power Budget   | 250 W   | 153 W   | 123 W   | 63 W  | 64 W  | 65 W  | 40 W  |  |
|                   | PoE Auto Recovery  | -   | -   | Ports 1–8   | -   |   |   |   |  |
|                   | 250 m PoE Transmission (Extend Mode)   | -   | -   | Ports 1–4   | -   |   |   |   |  |
|                   | Priority Mode  | -   | -   | Ports 1–2   | -   |   |   |   |  |
| Performance       | Isolation Mode   | -   | -   | Ports 1–4 / 5–8   | -   |   |   |   |  |
|                   | Switch Capacity  | 36 Gbps   | 16 Gbps   | 20 Gbps   |   | 16 Gbps   | 10 Gbps   |   |  |
|                   | Forwarding Rate  | 26.8 Mpps   | 11.9 Mpps   | 14.9 Mpps   |   | 11.9 Mpps   | 7.44 Mpps   |   |  |
|                   | MAC Address Table  | 8 K   | 4 K   | 4 K   |   |   | 2 K   |   |  |
| Software Features | IGMP Snooping  | -   | V1/V2   |   |   |   |   |   |  |
|                   | QoS  | 802.1p/DSCP   |   |   |   |   |   |   |  |
|                   | Others   | Green Technology, Flow Control  |   |   |   |   |   |   |  |

# Unmanaged Gigabit Non-PoE — Reliable Gigabit Connections

|                   |  | Rackmount   |   | Desktop   |   |   |   |  |
|-------------------|--|---|---|---|---|---|---|--|
| 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)   | 17.3×7.1×1.7 in (440×180×44 mm)   |   |   | 11.6×7.1×1.7 in (294×180×44 mm)   |   |  |
|                   | Installation   | Rackmount   |   |   | Rackmount/Desktop   |   |   |  |
|                   | Housing  | Metal   |   |   |   |   |   |  |
| 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  | 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/V3  |  |
|                   | QoS  | -   | 802.1p/DSCP   |   |   |   |   |  |
|                   | Others   | Green Technology, Flow Control  |   |   |   |   |   |  |

# Unmanaged Gigabit Non-PoE Switches — Desktop/Wall-Mounting

| 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°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   | 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   |   |   |   |   | 802.1p/DSCP   |   |   | -   |  |
|                   | Other   | Green Technology, Flow Control  |   |   |   |   |   |   |   |   |  |

# Unmanaged FE PoE — Ideal for Surveillance, Plug and Play

| Product Picture   |  | Rackmount                       |                                 |  |  | Desktop                       |            |             |                                |                               |             |
|-------------------|--|---------------------------------|---------------------------------|--|--|-------------------------------|------------|-------------|--------------------------------|-------------------------------|-------------|
| Model             |  | TL-SL1226P                      | TL-SL1218MP                     | TL-SL1218P   | TL-SL1311MP                                | TL-SF1009P                    | TL-SF1008P | TL-SF1008LP | TL-SF1006P                     | TL-SF1005P                    | TL-SF1005LP |
| Hardware          | Fast Ethernet Ports  | 24                              | 16                              |  | 8  | 9                             | 8          |             | 6                              | 5                             |             |
|                   | Gigabit Ports  | 2× Gigabit RJ45/SFP Combo Ports | 2× Gigabit RJ45/SFP Combo Ports | 1× Gigabit RJ45 Port, 1× Gigabit RJ45/SFP Combo Port | 2× Gigabit RJ45 Ports, 1× Gigabit SFP Port | -                             |            |             |                                |                               |             |
|                   | Power Supply   | 100–240 VAC, 50/60 Hz           |                                 |  |  | DC Power Adapter              |            |             |                                |                               |             |
|                   | Fanless  | 2 Fans                          |                                 |  |  | •                             |            |             |                                |                               |             |
|                   | Auto-Negotiation   | -                               |                                 |  |  |                               | Support    |             |                                |                               |             |
|                   | 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) |             |
|                   | Installation   | Rackmount                       |                                 |  |  | Desktop/Wall-Mounting         |            |             |                                |                               |             |
|                   | Housing  | Metal                           |                                 |  |  | Metal                         |            |             |                                |                               |             |
|                   | 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                      |                                 |  | 802.3af/at                                 |                               | 802.3af    | 802.3af/at  |                                | 802.3af                       |             |
|                   | PoE Port   | 24× PoE+                        | 16× PoE+                        |  | 8× PoE+                                    | 4× PoE+                       | 4× PoE     | 4× PoE+     |                                | 4× PoE                        |             |
|                   | PoE Power Budget   | 250 W                           | 250 W                           | 150 W  | 124 W                                      | 65 W                          | 66 W       | 41 W        | 67 W                           | 67 W                          | 41 W        |
|                   | PoE Auto Recovery  | -                               |                                 | -  |  | Ports 1–8                     | -          | Ports 1–4   | -                              |                               |             |
|                   | 250 m PoE Transmission (Extend Mode)   | Ports 1–8/ 9–16/ 17–24          | Ports 1–8/ 9–16                 |  | Ports 1–4 / 1–8                            |                               |            | Ports 1–4   |                                |                               |             |
|                   | Priority Mode  | Ports 1–8                       |                                 |  | -  | Ports 1–2                     | Ports 1–2  |             |                                |                               |             |
|                   | Isolation Mode   | Ports 1–24                      | Ports 1–16                      |  | Ports 1–8                                  |                               |            | -           |                                |                               |             |
| Performance       | Switch Capacity  | 8.8 Gbps                        | 7.2 Gbps                        |  | 5.6 Gbps                                   | 1.8 Gbps                      | 1.6 Gbps   | 1.2 Gbps    |                                | 1.0 Gbps                      |             |
|                   | Forwarding Rate  | 6.55 Mpps                       | 5.36 Mpps                       |  | 4.16 Mpps                                  | 1.34 Mpps                     | 1.2 Mpps   | 0.89 Mpps   |                                | 0.7 Mpps                      |             |
|                   | MAC Address Table  | 8 K                             |                                 |  |  | 2 K                           |            |             |                                |                               |             |
| Software Features | Green Technology, Flow Control   |                                 |                                 |  |  |                               |            |             |                                |                               |             |

# Unmanaged FE Non-PoE — Easy Wired Network Expansion

|                   |   | 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) | 8.7×5.0×1.7 in (222×126×42 mm) | 7.9×5.6×1.6 in (201×143×41 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 (124.6×48.7×22.8 mm) | 3.3×1.8×0.9 in (83.6×45.7×22.8 mm) |  |
|                   | Installation  | Rackmount                       |                                | Rackmount/ Desktop              | Desktop                        |                                |                               |                               | Desktop                             |                                    |  |
|                   | Housing   | Metal                           |                                |                                 |                                | Plastic                        |                               |                               |                                     | Plastic                            |  |
| 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   | 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   | 7.14 Mpps                       | 3.57 Mpps / 2.38 Mpps          | 3.57 Mpps / 2.38 Mpps           | 3.57 Mpps                      | 2.38 Mpps                      | 1.19 Mpps                     |                               | 0.74 Mpps                           |                                    |  |
|                   | MAC Address Table   | 16 K                            | 8 K                            |                                 | 8 K                            | 2 K                            |                               |                               | 2 K                                 |                                    |  |
| Software Features | Other   |                                 | Green Technology, Flow Control |                                 |                                |                                |                               |                               |                                     |                                    |  |

## Reliable and Professional Quality Assurance



### Continuous Innovations

Independent research and development.



### Vertical Integration

In-house manufacturing maintains the quality of every component.



### High-Level Manufacturing

Decades of experience combined with high-tech supporting facilities.



### Complete Quality Control

Develops, builds, crafts and sells products from start to finish, running rigorous whole-process quality-control tests.

## ► Excellent Pre- and After-Sales Services

### After-Sales Services

- Global Call Center Providing Hotline Support
- 24/7 Post-Sales Email Service
- Online SMB Community

### Quality of Service

- Replacement and Warranty
- Constant Firmware Updates from Cloud Service

### Tech Solutions

- Online Training and Certifications—TPNA & TPNP
- Specialized Support Team Locally and Abroad

\*1. The speed of the ports in extend mode will be downgraded to 10 Mbps. Actual transmission distance may vary due to cable quality.

\*2. PoE budget calculations are based on laboratory testing. Actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.