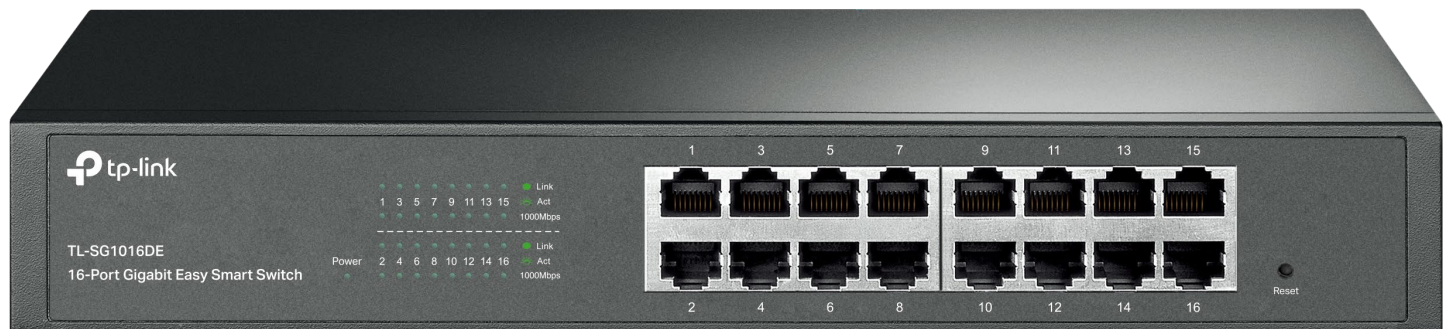




# Easy Smart Switch | Datasheet

## TL-SG1016DE V7

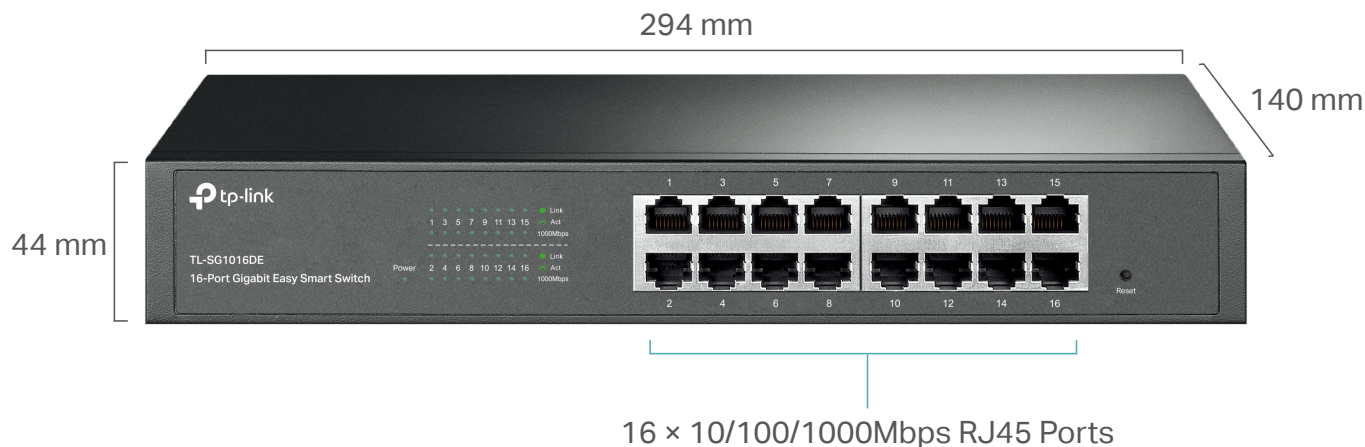
16-Port Gigabit Easy Smart Switch



### Highlights

- 16 10/100/1000Mbps RJ45 ports
- Provides network monitoring, traffic prioritization, loop prevention and VLAN features
- Simple network set-up on top of plug-and-play connectivity
- Web-based user interface and management utility simplify configuration

## Product Pictures



## Specifications

### Hardware Features & Performance

|                        |                           |                                                                                                                                                                                                                                              |
|------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                  |                           | TL-SG1016DE V7                                                                                                                                                                                                                               |
| General                | Interfaces                | <ul style="list-style-type: none"><li>• 16 10/100/1000 Mbps RJ45</li><li>• AUTO Negotiation/AUTO MDI/MDIX</li></ul>                                                                                                                          |
|                        | Standards                 | IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab , IEEE 802.3x, IEEE 802.1q, IEEE 802.1p                                                                                                                                                   |
| Performance            | Switching Capacity        | 32 Gbps                                                                                                                                                                                                                                      |
|                        | Forwarding Rate           | 23.8 Mpps                                                                                                                                                                                                                                    |
|                        | MAC Address Table         | 8K                                                                                                                                                                                                                                           |
|                        | Packet Buffer Memory      | 4.1 Mbit                                                                                                                                                                                                                                     |
|                        | Jumbo Frame               | 10 KB                                                                                                                                                                                                                                        |
| Physical & Environment | Power Supply              | 100-240 V, 50/60 Hz                                                                                                                                                                                                                          |
|                        | Network Media             | <ul style="list-style-type: none"><li>• 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)</li><li>• 100BASE-TX: UTP category 5 or above cable (maximum 100m)</li><li>• 1000BASE-T: UTP category 5e or above cable (maximum 100m)</li></ul> |
|                        | Maximum Power Consumption | 10.27 W                                                                                                                                                                                                                                      |
|                        | Maximum Heat Dissipation  | 34.92 BTU/h                                                                                                                                                                                                                                  |
|                        | Dimensions (W×D×H)        | 11.6 × 5.5× 1.7 in. (294 × 140 × 44 mm)                                                                                                                                                                                                      |
|                        | Fan Quantity              | Fanless                                                                                                                                                                                                                                      |
|                        | Installation              | Desktop/Rack Mountable                                                                                                                                                                                                                       |
|                        | Operating Temperature     | 0°C~40°C (32°F~104°F)                                                                                                                                                                                                                        |
|                        | Storage Temperature       | -40 °C~70 °C (-40 °F~158 °F)                                                                                                                                                                                                                 |
|                        | Operating Humidity        | 10%~90%RH, non-condensing                                                                                                                                                                                                                    |
|                        | Storage Humidity          | 5%~90%RH, non-condensing                                                                                                                                                                                                                     |
|                        | Certification             | CE, FCC                                                                                                                                                                                                                                      |

| Software Features |                                                |
|-------------------|------------------------------------------------|
| Model             | TL-SG1016DE V7                                 |
| L2 Features       | • IGMP Snooping                                |
|                   | • Link Aggregation                             |
|                   | • Port Mirroring                               |
|                   | • Cable Test                                   |
|                   | • Loop Prevention                              |
| VLAN              | • Supports up to 32 VLANs (out of 4K VLAN IDs) |
|                   | • MTU/Port-Based/802.1Q tag VLAN               |
| QoS               | • 4 Priority Queues                            |
|                   | • Support Port-based/802.1p/DSCP priority      |
|                   | • Bandwidth Control                            |
|                   | • Storm Control                                |
| Management        | • Web-based Graphic User Interface (GUI)       |
|                   | • Easy Smart Configuration Utility             |