

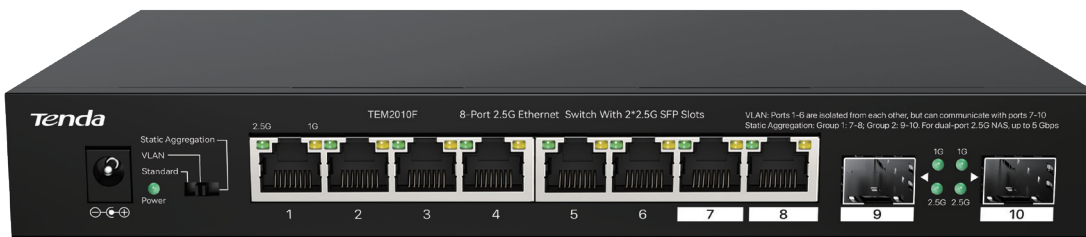
*Tenda*



# TEM2010F

8-Port 2.5G Ethernet Switch with 2\*2.5G SFP slots

Link  
More



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## Descriptions

TEM2010F is an 8-port 2.5G Ethernet switch with 2 SFP ports independently designed by Tenda. The switch supports three-mode toggle and offers eight 2.5 Gbps RJ-45 ports and two 2.5 Gbps SFP ports, establishing high-speed network along with computers, NAS, TV set-up boxes, Wi-Fi6 APs and so on. TEM2010F is an ideal access device for high-speed network deployment in SMEs, SOHOs, villas or wireless networking scenarios.

## Features

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- Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3bz, IEEE 802.3cb
- 8\*100/1000/2500 Mbps Base-TX Ethernet ports, 2\*100/1000/2500 Mbps Base-X SFP ports
- 16 K MAC address table and MAC address auto learning
- IEEE 802.3x full duplex flow control and half duplex backpressure flow control
- 50 Gbps switching fabric for non-blocking wire speed forwarding
- 6 kV Lightning Protection
- Three-mode toggle: Standard, VLAN, Static Aggregation
- Desktop mounting & Wall mounting

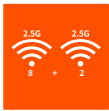
## USPs

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### Three-mode Toggle

The switch supports three modes of Standard, VLAN and Static Aggregation, flexible for complex networking requirements with lowered costs.



### High-speed Bandwidth

The switch offers eight 2.5 Gbps RJ-45 ports and two 2.5 Gbps SFP ports, with a maximum rate up to 5 Gbps, capable for high-speed network requirements.



### Wire Speed Forwarding

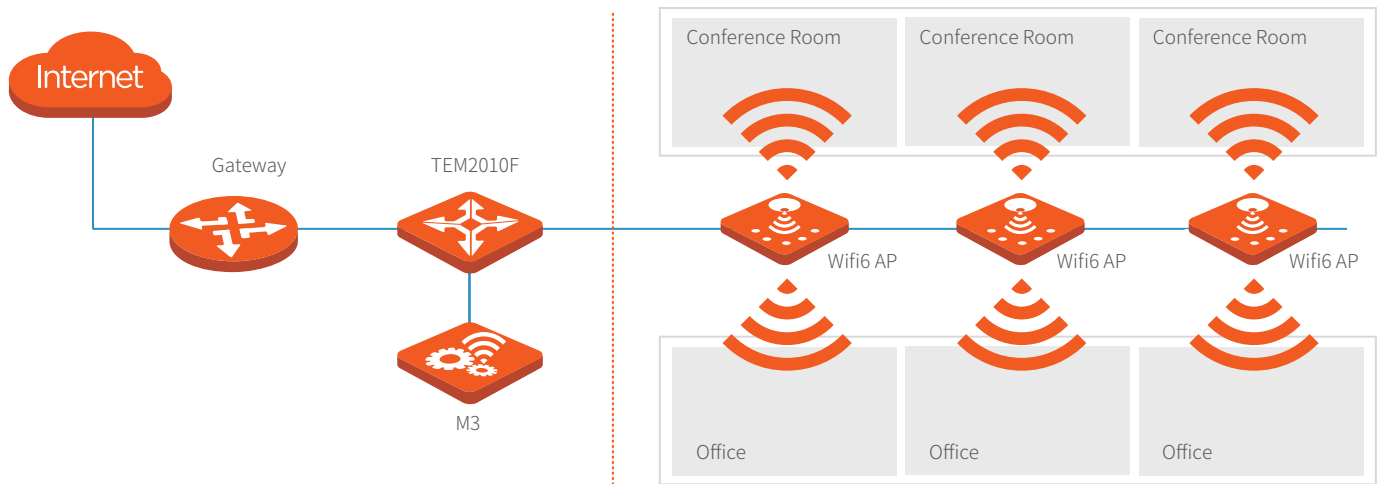
The switch supports wire speed forwarding on all ports, achieving a better experience with faster forwarding of data traffic and less delay.



### Smooth Upgrade

The switch can upgrade the bandwidth of application to 2.5 Gbps, without any change in network architecture.

# Typical Scenario



# Specifications

| Model                   | TEM2010F   |
|-------------------------|--|
| Hardware Specifications |  |
| Network Standards       | IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.3bz, IEEE 802.3cb  |
| (MTBF)/MTBF             | ≥100,000 hours   |
| LED Indicators          | Two Link/Act LED indicators for each port<br>One Power LED indicator for each device   |
| Ports                   | 8*100/1000/2500 Mbps Base-TX Ethernet ports<br>2*100/1000/2500 Mbps Base-X SFP ports   |
| Lightning Protection    | ≥6 kV  |
| Forwarding Mode         | Store and forward  |
| Switching Capacity      | 50 Gbps  |
| Forwarding Rate         | 37.2 Mpps  |
| MAC Address Table       | 16 K   |
| Input Voltage           | AC: 100-240V 50Hz/60Hz   |
| Dimensions (L × W × H)  | 220mm*135.6mm*31.5mm (L*W*H)   |
| Three-mode Toggle       | Three-mode toggle through one DIP switch:<br>1. Standard: In this mode, all ports can communicate with each other.<br>2. VLAN: Ports 1-6 are isolated from each other, but can communicate with ports 7-10<br>3. Static Aggregation: Group 1: 7-8; Group 2: 9-10. For dual-port 2.5G NAS, up to 5 Gbps |
| Environment             | Operating temperature: 0°C - 45°C<br>Storage temperature: -40°C - 70°C<br>Operating humidity: (10% - 90%) RH, non-condensing<br>Storage humidity: (5% - 90%) RH, non-condensing  |
| Certificates            | CCC、FCC、CE、RoHS  |

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