

*Tenda*



# TEM2010X

8-Port 2.5G Ethernet Switch With 2\*10G  
SFP+ Slots

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8-Port 2.5G Ethernet Switch With 2\*10G SFP+ Slots

## Descriptions

TEM2010X is an 8-port 2.5G Ethernet switch with 2\*10G SFP+ ports independently designed by Tenda. The switch supports three working modes, establishing high-speed network along with computers, NAS, TV set-up boxes, WiFi6 APs and so on. TEM2010X 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 IEEE802.3/u/ab/bz/x/ae/zx
- 8\*100/1000/2500Mbps RJ45 ports; 2\*10G SFP+ Slots;
- 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
- Desktop mounting & Wall mounting
- Three-mode toggle: Standard, VLAN, Static Aggregation

# USPs

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## High-speed Bandwidth

The switch offers eight 2.5 Gbps RJ-45 ports and two 10 Gbps SFP+ ports to ensure high-speed network requirements.

## Three-mode Toggle

The switch provides three working modes: Standard, VLAN, and Static Aggregation, providing more flexible networking and lower cost.

## 6KV Lightning Protection

The integrated professional circuit provides 6 kV lightning protection and surge protection for the entire device, which can ensure the normal operation of the device even in severe weather conditions such as thunderstorms and lightning strikes.

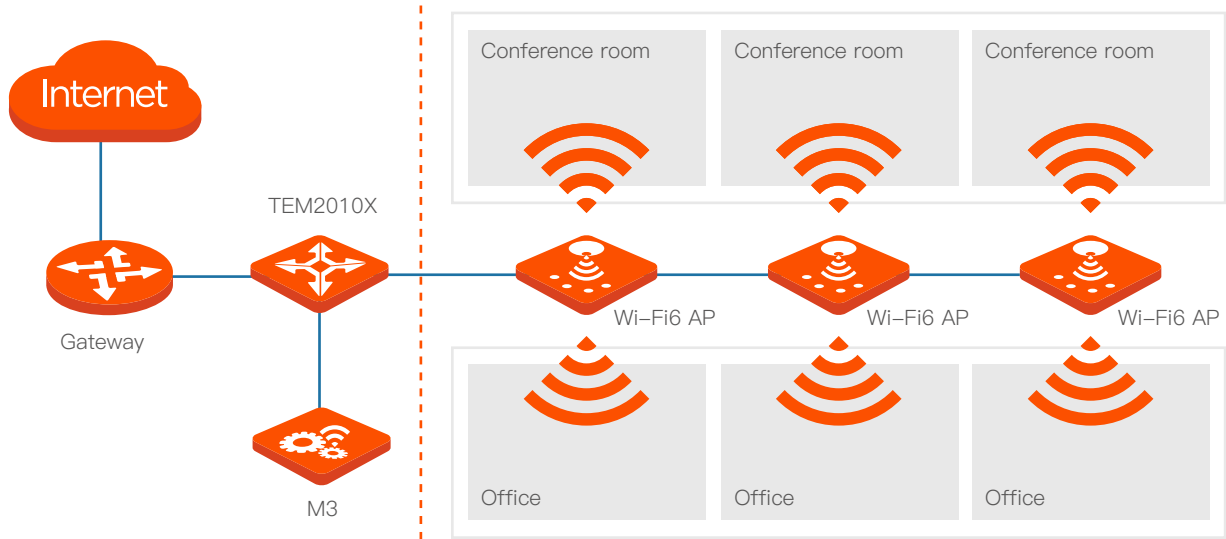
## Smooth upgrade

Easily and smoothly upgrade bandwidth to 2.5G without changing the original network architecture.

# Specifications

|                        |   |
|------------------------|---|
| Model                  | TEM2010X  |
| <b>Specifications</b>  |   |
| Standard               | Compliant with IEEE802.3/u/ab/bz/x/ae/z   |
| MTBF                   | ≥100,000hours   |
| LED Indicators         | Two Link/Act LED indicators for each port<br>One Power LED indicator for each device  |
| Ports                  | 8*100/1000/2500Mbps RJ45 ports;<br>2*10G SFP+ Slots;  |
| Lightning Protection   | ≥6KV  |
| Forwarding Mode        | Store and forward   |
| Switching Capacity     | 80Gbps  |
| Forwarding Rate        | 59.5Mpps  |
| MAC Address Table      | 16K   |
| Input Voltage          | AC: 220V~50Hz   |
| Dimensions (L × W × H) | 177.5*104*26mm  |
| 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. For dual-port 2.5G NAS, up to 5 Gbps |
| Environment            | Operating temperature: 0°C – 40°C<br>Storage temperature: –40°C – 70°C<br>Operating humidity: (10% – 90%) RH, non-condensing<br>Storage humidity: (5% – 90%) RH, non-condensing   |

# Applications



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