Tenda

W30E

AX3000 Dual Band WiFi-6 Wireless Hotspot Router

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Product Description

Designed for Enterprises

W30E is a brand-new Wi-Fi 6 enterprise-class wireless router specially designed for network deployment in SOHOs, SMEs, or small shops. It supports up to 3000 Mbps dual-band concurrency rate and 160MHz large bandwidth, which is about 155% faster than the mainstream 1200M Wi-Fi 5 routers. It's equipped with 2×2 MU-MIMO, OFDMA and other features, providing stable high-performance experience even in multi-user large scenarios. W30E adopts built-in enterprise-level functions such as user behavior management, AP management, VPN, attack defense, portal authentication to help enterprises develop efficiently.

Product Features

- Dual-Band concurrent speed up to 3000 Mbps
- Provides 5 high-gain omni-directional antennas
- External professional-grade signal amplifier
- Full gigabit ports
- Supports up to 3 broadbands
- Supports 2×2 MU-MIMO
- Supports upstream and downstream OFDMA

Main Features

High-speed Wireless Experience, 200 Clients Capacity, 500 ㎡ Coverage

Up to 3000 Mbps high-speed wireless rate, multiple internal wireless optimization functions, capable of stable connections for 200 clients. External professional-grade power amplifier, combined with strong wireless wall-through mode, achieving stable coverage of 500 ㎡ .

Super Heat Dissipation, Stable Signal with No Drop

Metal shell, sufficient heat flow and heat dissipation design, and repeated stress tests in the laboratory's high temperature and high load environment, fully guarantee the network quality in the enterprise environment.

Filter Management

Different URL and behavior filter management policies can be applied to different IP groups and time groups. Users can customize the database by manually adding URLs.
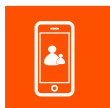
Main Features

Internet Log Storage

Supports USB storage and local storage of system logs and user log records.

AP Management

Supports wireless configuration, radio frequency adjustment, upgrade, reset, reboot and delete in batches, and other operations for all Tenda APs.

Tenda WiFi APP Management, Easy to Configure and Manage

Using Tenda WiFi APP, you can quickly configure and remotely manage your devices, monitor your network status in real time, and receive automatic alarm information timely and accurately.

Multi-WAN Policy

Allows a maximum of 3 WAN ports bandwidth overlay.

Main Features

Any IP (Hotel Mode)

All hosts in the LAN can be configured with any IP address to access the Internet.

Remote WEB Management

Automatically generates a remote WEB management domain name without DDNS binding.

Intelligent Bandwidth Control

Supports simultaneous broadband access of up to 3 different ISPs, adopts intelligent flow control technology, adjusts upload and download bandwidth according to the user's current network conditions, ensuring that the user's core business is not affected.

Captive Portal

Supports authentication types of local user, one-key, Email and WiFi via SMS. Supports authentication valid duration setting, authentication network selection (wired or wireless) and authentication user management.

Product Specifications

Performance Specifications	
Overall Client Capacity (Wireless & Wired)	200 clients
Wireless Client Capacity	80 clients
Captive Portal	50

Hardware Specifications	
CPU	4 cores, 1.7 GHz
Wireless Rate	2.4GHz: 574 Mbps, 5GHz: 2402 Mbps
Max. Transmit Power	≤20 dBm(2.4 GHz, EIRP), ≤23 dBm(5 GHz, EIRP)
Port	4 * GE ports
Antenna	2 * 2.4GHz 5dBi high gain antennas 3 * 5GHz 5dBi high gain antennas
Power Adapter	DC 12V = 1.5A
Dimension	220 * 135 * 30 (mm)
Certification	CCC\FCC\CE\RoHs\SRRC
Environment	Operating temperature: 0 °C - 40 °C, Operating humidity: 10% - 90% RH non-condensing Storage temperature: -40 °C - 70 °C, Storage humidity: 5% - 90% RH non-condensing

Software Specifications	
Quick Setup	Quick setup page upon the first login (Corresponding to the client type)
Internet Settings	1 WAN (default), 3 WAN (maximum)/PPPoE/Dynamic IP/Static IP/PPPoE (Russia)/PPTP (Russia)/L2TP (Russia)
Wireless Settings	SSID and password/Network isolation/Wireless access control/Wireless advanced settings/Guest network
Address Reservation	Quick address reservation for online clients/Manual address reservation individually or in batches

Product Specifications

Software Specifications	
Bandwidth Control	No limit/Manual/Auto/Limit by group
File Sharing	Supports sharing files in USB devices within the LAN
Filter Management	MAC address, IP address, port, URL filter/Internet log storage
Authentication	Captive portal (one-key, local user, Email, WiFi via SMS)
More Settings	LAN settings/Remote WEB management/Port forwarding/Multi-WAN policy/Port mirroring/UPnP/DDNS/DMZ host/Any IP (Hotel Mode)/IP attack defense/VPN server/VPN client/IPSec/IPV6/DDNS
System Maintenance	Reboot/Upgrade/Reset/Password manager/Reboot schedule/Backup or restore/System log/Diagnostic tool/System time/Function center
System Status	Network topology/Traffic statistics/Status chart

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