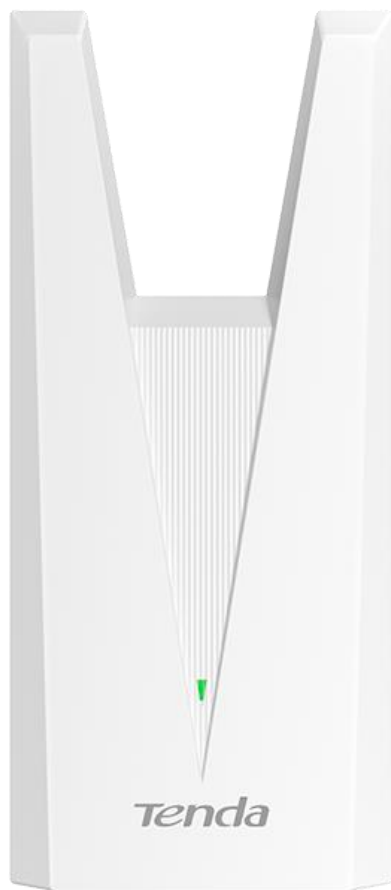


Tenda



A33

AX3000 Dual-Band Gigabit Wi-Fi Range Extender

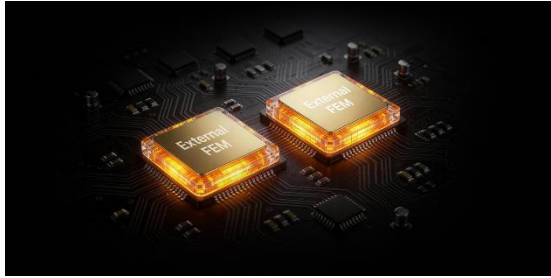


A33

AX3000 Dual-Band Gigabit Wi-Fi Range Extender

The A33 is a Wi-Fi 6 range extender designed for large homes, delivering dual-band combined speeds of up to 3000 Mbps (5 GHz: 2402 Mbps; 2.4 GHz: 574 Mbps). Equipped with two external high-gain dual-band antennas and two high-performance FEMs, it ensures extended Wi-Fi coverage with ultra-fast, seamless connectivity throughout your home. It automatically detects an Ethernet connection and selects the optimal mode. Simply connect to the Wi-Fi on your phone or computer, and the setup page opens instantly, making network expansion quick and effortless. It easily switches between Wi-Fi Repeater, AP Mode, Router Mode, Mesh Networking, and WISP (Hotel Wi-Fi Sharing) modes for flexible connectivity in any environment. It supports Tenda Wi-Fi+ Mesh technology for fast expansion with compatible Tenda devices, as well as standard EasyMesh for seamless whole-home Wi-Fi coverage with third-party compatible routers.

Main Features



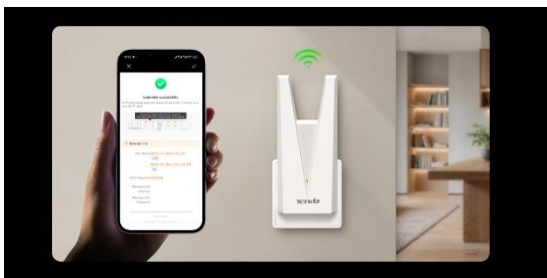
Signal Boost, Ultra-Fast Expansion

Two high-performance external FEMs on the 5 GHz band, paired with two high-gain external antennas, significantly enhance signal transmission and reception. Compared with extenders using mid- or low-tier FEMs, it delivers lower wall attenuation and higher data rates, ensuring an ultra-fast, seamless online experience.



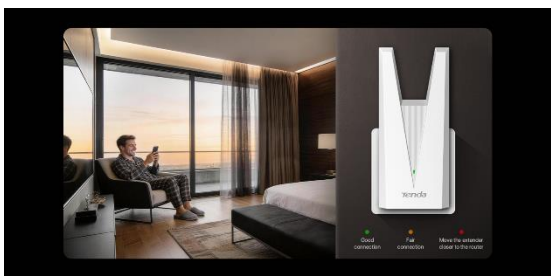
Enjoy High-Speed Connectivity with Gigabit a Port

The A33, with a gigabit Ethernet port, connects to the upstream router in AP mode for high-speed wireless coverage throughout the home. The Gigabit port provides fast, stable wired connections for devices such as set-top boxes, smart TVs, game consoles, computers, and cameras. Connect a modem or broadband cable to the Gigabit port, and it instantly works as a wireless router. Its compact, space-saving design makes it ideal for small apartments and rental homes.



Innovative Design, Easy Installation

The setup page appears automatically once you connect your smartphone or PC to the extender's Wi-Fi. It completes dual-band extension automatically (a Tenda innovation). In wired mode, just plug in an Ethernet cable and set a Wi-Fi password for seamless internet access.



Smart LED for Optimal Placement

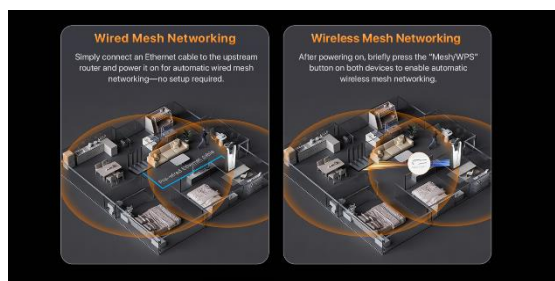
The smart LED indicator helps you determine whether the extender is in the optimal position, improving signal performance.

Main Features



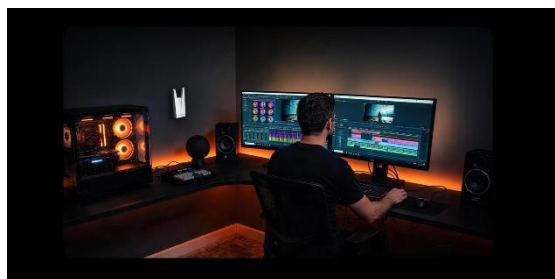
High-Performance Dual-Core CPU for Smoother, Faster Connectivity

Powered by a dual-core 1.2 GHz processor with 20% more computing power than similar products, it delivers faster responses for video calls, 4K streaming, and gaming, ensuring a stable and smooth network experience.



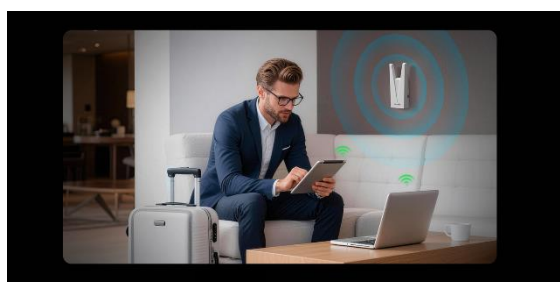
Wi-Fi+ Mesh & EasyMesh Easily Expands Whole-Home Coverage

For large apartments or multi-story homes that require extended Wi-Fi coverage, A33 supports Tenda's proprietary Wi-Fi+ Mesh technology, allowing you to quickly expand your wireless network by pairing it with other Tenda devices that also support Wi-Fi+ Mesh. It also supports standard EasyMesh networking, allowing seamless wireless expansion by connecting with EasyMesh-compatible modems and routers from other brands.



5 GHz High-Speed Link for Faster Internet Speeds

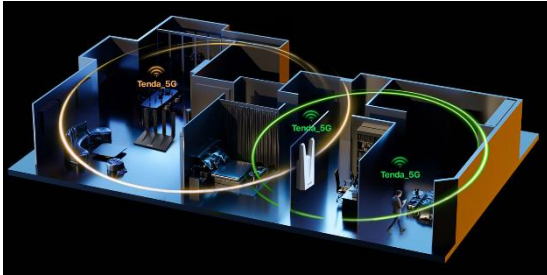
The 5 GHz band delivers wireless speeds of up to 2402 Mbps. Wireless bridging over 5 GHz significantly improves link performance for a faster and smoother internet experience.



Hotel Wi-Fi Access: One-Time Login Across All Devices

Innovatively supports Hotspot Signal Amplification Mode(WIPS) , bridging hotel Wi-Fi hotspots. After a one-time authentication, smartphones, laptops, tablets, and other devices can share the internet without additional login.

Main Features



5 GHz Roaming Enhancement for Whole-Home High-Speed Wi-Fi

Featuring a world-first 5 GHz roaming enhancement design, the system generates two Wi-Fi network names after setup. One 5 GHz network name is identical to the upstream router's, enabling automatic switching to high-speed 5 GHz Wi-Fi as you move between rooms. The other, labeled “_EXT,” allows you to manually connect to the extender's optimal signal for devices that do not support automatic roaming.



Brand-New Design

A minimalist, moonlight-white, streamlined design that blends seamlessly with your home decor . Ventilation openings on both the top and bottom create an efficient convection airflow, enhancing heat dissipation for improved overall performance—while maintaining a sleek look and ensuring long-term, stable operation of the extender.

Specification

Hardware Features	
Standard & Protocol	IEEE802.3, IEEE802.3u, IEEE802.3ab
CPU	Dual-core1.2 GHz
Interface	1 Gigabit Ethernet Port
Antenna	2 External Antennas
Button	1 WPS/Reset button
Power	Built-in power supply Input: AC 100–240V~50/60Hz Output: DC 12V=1A
LED indicator	1* LED
Dimensions	86mm*37.5mm*196mm (L*W*H)
Wireless Features	
Wireless Standards	IEEE 802.11ax/ac/n/a 5 GHz IEEE 802.11ax/n/b/g 2.4 GHz
Data Rate	5 GHz: 2402 Mbps (802.11ax, HE160) 2.4 GHz: 574 Mbps (802.11ax)
Frequency	CE: 2.4 GHz: 2412–2472MHz(CH1–CH13) 5 GHz: 5150–5350MHz(CH36–CH64) FCC: 2.4 GHz: 2412–2462MHz(CH1–CH11) 5 GHz: 5150–5350MHz(CH36–CH64) 5725–5850MHz(CH149–CH165)
Transmission Power	CE: <20 dBm (2.4 GHz) <23 dBm (5 GHz) FCC: <30 dBm (2.4 GHz) <30 dBm (5 GHz)
Basic Functions	SSID broadcasting and hiding MU-MIMO Beamforming signal directional transmission technology 160 MHz OFDMA 1024-QAM
Wireless Security	WPA2-PSK WPA3-SAE/WPA2-PSK Wireless Security: Enable/Disable

Specification

Software Function	
Operating Mode	Range Extender Access Point Mesh Networking Mode Router Mode Hotspot Signal Amplification Mode (WISP)
Basic Functions	Unify 2.4 GHz & 5 GHz SSID broadcasting and hiding Access Control (Black list and White list) IoT Network Smart LED on/off Automatic upgrade during idle time Firmware upgrade online
Mesh Technology	EasyMesh-Compatible Tenda Wi-Fi+ Mesh
Manage	Tenda WiFi APP Web-Based Management
Access address	http://re.tenda.cn
Other Features	
Certification	CE, FCC, RoHS,
Plug Type	US/EU/UK/AU/BR/AR
System Tool	Firmware upgrade, Restore factory settings, Login password, and Reboot
Temperature	Operating Temperature: 0°C ~ 40°C Storage Temperature: -40°C ~ 70°C
Humidity	Operating Humidity: 10% ~ 90% RH, non-condensing Storage Humidity: 5% ~ 90% RH, non-condensing
Package Content	Wi-Fi Range Extender A33 Quick Installation Guide RJ45 Ethernet Cable

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