

Tenda



All for better networking.

A301

N300 Mini WiFi Repeater

<http://www.tendacn.com>



A301

300 Mbps WiFi Repeater

Products Description

A301 is an N300 Mini WiFi repeater dedicated for two-storey houses, villas, and multi-room houses with an area over 120 square meters. It offers up to 300 Mbps data rate on 11n band. With two external omni-directional antennas, A301 can provide larger WiFi coverage and faster data rate, satisfying applications such as playback of 1080P HD videos, massively multiplayer online games, and high-speed download. With the upgrade Setup Wizard, it only takes you three steps to configure your repeater, which is easy to use. A301 also works better with other brands' WiFi router available on the market. For whole home WiFi coverage, A301 is your best choice.

Selling Points



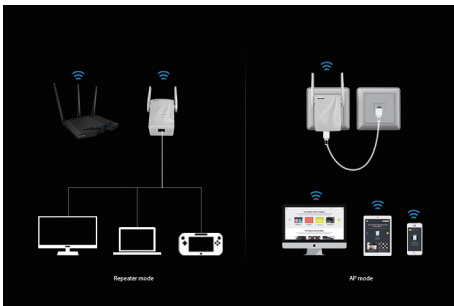
Fast speed and wide coverage

A301 is designed for two-storey houses, villas, as well as 120m² or larger apartments. With 2 external omni-directional antennas, A301 offers a data rate of 300 Mbps, wider WiFi coverage, and faster transmission speed to ensure superior performance in videos playback, fast-speed download and big online games.



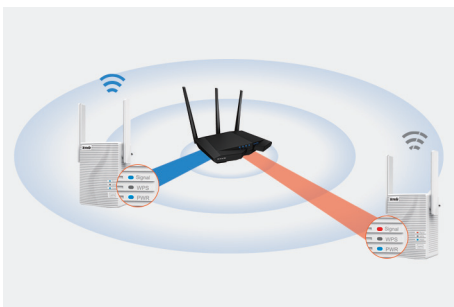
Stylish design, smaller, fresher and more elegant

The streamline and dynamic line pattern design endow A301 with a stylish appearance. Mini-size design makes A301 look compact and elegant.



Swift switchover between the Repeater and AP modes

You can switch between Repeater mode and AP mode as needed. Repeater mode: A301 can expand WiFi coverage by bridging the upstream router's WiFi signal, and allows wired devices to be connected to its LAN port to access the internet; AP mode: connect an Ethernet cable with internet connectivity to the LAN port of A301 to turn it into an AP.



Intuitive signal LED to indicate the optimal repeater location

The Signal LED tells the best repeater location.
Blue: good signal strength
Red: poor signal strength
Off: no signal



Compatible with any WiFi router

A301 can work well with any WiFi router and WiFi DSL modem router available on the market, outshining most of repeaters.

Technical Specifications

Hardware	
Port	1*10/100 Mbps RJ45
Button	Reset, WPS
LED indicator	1 * Signal LED 1 * WPS LED 1 * Power LED
Flash memory	8MB
Memory	64MB
Power supply	9V 0.8A, built-in
Power plug	National Standard, US Standard, European Standard, UK Standard, Brazil Standard
Power consumption	No-load: 2.8W, Full-load: 5.2W
Rated voltage/frequency/current	100-240V 50/60Hz, 0.3A Max, CLASSII
Wireless	
Standard	IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n on 2.4 GHz
Data rate	802.11b: 11 Mbps 802.11g: 54 Mbps 802.11n: 300 Mbps
Frequency band	11n: 2.412-2.484 GHz
RSSI	2.4 GHz 11b-1M:-97dBm 11g-54M:-76dBm 11n-20M-MCS7:-74dBm 11n-40M-MCS7:-72dBm
Antenna	2 * External 3dBi omni-directional antenna (non-detachable)
Recommended application scenario (theoretical coverage)	150 square meters (subject to the actual environment)
Wireless security protocol	Encryption mode: Mix WPA-PSK/WPA2-PSK WPA algorithm: TKIP&AES
Dimensions	
Dimension of one	80mm * 58mm * 48mm
Software	
Channel Bandwidth	11n: 20/40MHz by default
Operating mode	Repeater Mode AP Mode
Wireless security protocol	Default encryption mode: Mix WPA-PSK/WPA2-PSK Blacklist Hide SSID
DHCP Server	Supported
System Tools	Firmware upgrade, Restore factory settings, Login password, and Reboot

Environment

Operating temperature	0°C~40°C
Storage temperature	-40°C~70°C
Operating humidity	(10 – 90)% RH, non-condensing
Storage humidity	5%~90%RH, non-condensing

Miscellaneous

Usage	See the Quick Installation Guide and User Guide for details
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