Tenda



All for better networking.

AC19

AC2100 Dual Band Gigabit WiFi Router

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What it does

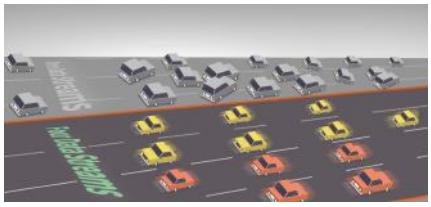
AC19 is a dual band gigabit wireless router specially designed for households with high speed internet access. It supports 802.11ac wave2 techonology and provides WiFi speed up to 2033Mbps (2.4 GHz: 300Mbps, 5GHz: 1733Mbps) to achieve the best performance for your fiber internet connection. Powered by 4X4 MU-MIMO technology of 5GHz band, it provides wider WiFi coverage and faster WiFi speed than regular routers with 3X3 MU-MIMO technology. Equipped with full gigabit ports, it supports up to 1000Mbps bandwith access. The 28nm 1GHz CPU equipped with 500MHz co-processor, dual-core design brings a faster processing speed and provides optimized operation. Featured with 4*6dBi external antennas , AC19 outshines in performance and wall penetration capacity.

Main Features



AC2100 for Advanced WiFi Speed

AC19 is a dual-band gigabit wireless router, adopted with 802.11 ac wave2 techonology and provides speed up to 2033 Mbps to get the most out of your gigabit fiber internet.



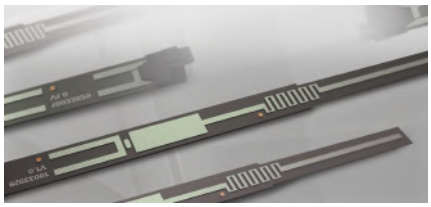
4x4 MU-MIMO for 5GHz Band

Powered by 4X4 MU-MIMO techonology of 5GHz band, it provides wider WiFi coverage and faster WiFi speed than regular routers with 3X3 MU-MIMO techonology.



Built-in Signal Amplifier for Main Chip

Built-in signal amplifier used both on 2.4GHz and 5GHz bands of AC19 to enhance the penetration capability and expand the WiFi coverage.



4*6dBi External Antennas for Better WiFi Signal

With 4*6 dBi external antennas and four data streams of 5Ghz band, the AC19 can provide optimized WiFi coverage and better 5GHz WiFi signal.



Support Fiber Internet Up to 1000Mbps

Equipped with full gigabit ports, it supports up to 1000Mbps bandwith access.



Dual-core Design Bring a More Stable Operation

The 28nm 1GHz CPU equipped with 500MHz co-processor, dual-core design brings a faster processing speed and provides optimized operation.



USB Port for Media Sharing

AC19 provides USB sharing, supporting memory sharing, printer remote access and other features. You can set up a local FTP server by connecting AC19 with a hard drive. HD movies and photos can be uploaded and shared with your family any time any where.



Support IPv6 Protocol

A19 supports IPv6, it can reduce the data transmission time and minimize the lag, provide a better gaming experience.

Specification

Hardware Specification	
Standards	IEEE802.3, IEEE802.3u,IEEE802.3ab
Interface	1*10/100/1000Mbps WAN port; 4*10/100/1000Mbps LAN ports; USB2.0*1
Antenna	4*6dBi external antennas
Button	1* WPS/Reset button,
Power	Input ： AC 100-240V~50/60Hz 0.6A
	Output： DC 12V 2A
Dimensions	238.9*144.3*40.3mm
LED Indicator	Sys*1,WAN*1, LAN*1,WiFi/WPS*1

Wireless Features	
Wireless Standards	IEEE 802.11ac wave2/a/n 5GHz IEEE 802.11b/g/n 2.4GHz
Environment	5GHz: Up to 1733Mbps 2.4GHz: Up to 300Mbps
Frequency	2.400-2.4835GHz， 5.150-5.250GHz
Transmit Power	CE: <20dBm(2.4G) <23dBm(5G)
Basic Features	SSID Broadcast: Enable/Disable; Transmission Power: high, medium, low Beamforming MU-MIMO
wireless Security	WPA-PSK/WPA2-PSK, WPA/WPA2; Wireless Security: Enable/Disable; WPS(WiFi Protected Set-up) fast encryption"

Software Features			
Internet Connection Type	PPPoE, Dynamic IP, Static IP PPPoE(Russia), PPTP(Russia), L2TP(Russia)		
Operating Mode	Wireless Router Mode Universal Repeater Mode WISP Mode		
DHCP Server	DHCP Server	DHCP Client List	DHCP Reservation
Virtual Server	Port Forwarding	DMZ Host	UPnP

Specification

Software Features			
Security	Client Filter		
	Parental Control(support black list and white list)		
	Remote Web Management		
Firewall	Forbid UDP flood attack	Forbid TCP flood attack	
	Forbid flood attack	Forbid WAN PING from internet	
DDNS	Support DynDNS, Oray.com, 88ip		
VPN	IPsec pass through	PPTP pass through	
	L2TP pass through	PPTP server	
	PPTP client	L2TP client	
Special Features	Smart Traffic Prioritisation	PPPoE Username/password Clone	
	Smart WiFi Schedule	Smart Power Saving	
	Smart LED on/off	Tenda Cloud	
	Tenda App		
Others	Bandwidth Control	Guest Network	
	IPTV	MAC Clone	
	Static Routing	System Log	
	Backup & Restore configurations	Firmware upgrade online	
	Firmware upgradeable via browser	Supports IPv6	Alexa

Software Features	
Temperature	Operating Temperature: 0 ℃ ~ 40℃; Storage Temperature: -40℃ ~ 70℃."
Humidity	Operating Humidity:10% ~ 90% RH non-condensing; Storage Humidity: 5% ~ 90%RH non-condensing."
Factory Defaul Settings	Default Access: tendawifi.com
Certificates	CE/FCC/RoHS
EIRP Power (Max)	2.400-2.4835GHz:19.86dBm (EIRP); 5.150-5.250GHz:22.96dBm (EIRP)
Package Contents	Wireles Router*1 Power Adapter *1 Install Guide*1 Ethernet Cable*1"





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