Tenda

All for better networking.

AC23

AC2100 Dual Band Gigabit WiFi Router

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AC23

AC2100 Dual Band Gigabit WiFi Router

What it does

AC23 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 7*6dBi external antennas , AC23 outshines in performance and wall penetration capacity.

Main Features

AC2100 for Advanced WiFi Speed

AC23 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 5 GHz 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 AC23 to enhance the penetration capability and expand the WiFi coverage.

7*6dBi External Antennas for Better WiFi Signal

With 7*6 dBi external antennas and four data streams of 5Ghz band, the AC23 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.

Support IPv6 Protocol

AC23 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; 3*10/100/1000Mbps LAN ports;
Antenna	7*6dBi external antennas
Button	1* WPS/Reset button,
Power	Input ： AC 100-240V~50/60Hz 0.6A Output： DC 12V1.5A
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
Special Features	Bandwidth Control — Guest Network
	IPTV — MAC Clone
	Static Routing — System Log
	Backup & Restore configurations — Firmware upgrade online
	Firmware upgradeable via browser — Supports IPv6

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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6 932849 428438

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