AC18

AC1900 Smart Dual-Band Gigabit WiFi Router

The AC18 leads the way to the next generation routers. With the all-new 802.11ac Wi-Fi dual-band Gigabit wireless, this powerful Dual Broadcom ARM Cortex-A9 CPU and 256MB DDR3 provides the best performance in both 2.4GHz and 5GHz in its class. The 5GHz band peforms up to 1300Mbps, with the 2.4GHz frequency tops 600 Mbps. This serves an incredible combined bandwidth of 1900 Mbps. That's six times the speed of standard wireless-N routers! With the Beamforming+, built-in high powered amplifiers and external antennas, it's coverage area ups to 500 ㎡, you can enjoy lag-free gaming and uninterrupted video streaming anytime anywhere. Smart management via Tenda app for WiFi schedule, LED indicator and power saving which support all of your smart and eco-friendly lifestyles.
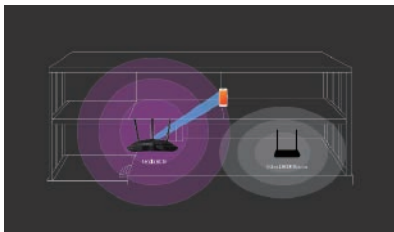

802.11ac The Next Generation of Wi-Fi

The AC18 comes with the next generation Wi-Fi standard– 802.11ac, six times faster than wireless N speeds with a combined wireless data transfer rate of up to 1900Mbps. With the crystal clear dual bands of 5GHz (1300 Mbps) and 2.4GHz (600 Mbps) , the AC18 sets the superior choice for seamless HD streaming, online gaming and other bandwidth-intensive tasks.
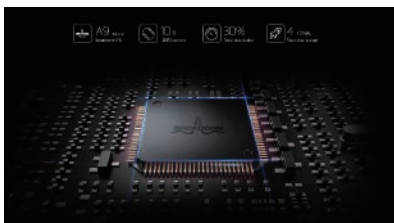
Full Gigabit Wired Connections for Ultrafast Data Transfer Speeds

With 1 Gigabit WAN port and 4 Gigabit LAN ports, speeds can be up to 10x faster than Fast Ethernet connections. AC18 is a powerful hub to support a robust and extremely fast wired network.

External Antennas for Fully Expanded Coverage

With 3 external dual-band antennas along with higher quality antenna technology, you can maintain high speed signals across greater distances. It provides incredible wireless coverage and transmission reliability from anywhere in your large home or office. The beamforming+ technology increase the WiFi signal connection is weak . It makes the high-bandwidth activities easy and enjoyable.

Superior Chip Superior WiFi

A CPU Chip to router is like a heart to human. The AC18 builds in the most advanced Broadcom Dual chipset to ensure the impeccable compatibility and stability. It allows you to enjoy the ultimate surfing experience anytime anywhere.

Smart WiFi Schedule Supporting Smart Eco-friendly Lifestyle

Having trouble remembering to turn off the router at night ? Feeling bothered to turn it on/off from time to time? The Smart WiFi Schedule of AC18 will save you from the hassle. Setting your ideal time range,the AC18 will turn on/off WiFi automatically to create a low-power consumption & healthy Eco-friendly environment for baby, mother and your whole family.

Specifications

Hardware Specification

Standards	IEEE802.3, IEEE802.3u
Interface	1*10/100/1000Mbps WAN port; **4*10/100/1000Mbps LAN ports;** **1* USB3.0 port**
Antenna	3*3dBi external dual band antennas
Button	1* Power On/Off button, 1*WiFi on/off, 1* Reset button,1* WPS button
Power	Input：100-240V—50/60Hz, 0.9A Output：DC 12V==2.5A
Dimensions	261 x 168 x 65mm
Weight	640g
LED Indicator	1*power, 1*Internet, LAN, 1*2.4G, 1*5G, 1*WPS, 1*USB

Wireless Features

Wireless Standards	IEEE 802.11ac/a/n 5GHz IEEE 802.11b/g/n 2.4GHz
Data Rate	5GHz: Up to 1300Mbps 2.4GHz: Up to 600Mbps, support Turbo-QAM
Frequency	Simultaneous dual band 2.4 & 5GHz
Transmit Power	CE: <20dBm(2.4G) <23dBm(5G)
Basic Features	SSID Broadcast: Enable/Disable; Transmission Power: high, medium, low **Beamforming**
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
Security	Client Filter Parental Control(support black list and white list) Remote Web Management

Specifications

Firewall	**Forbid UDP flood attack** **Forbid TCP flood attack** **Forbid flood attack** **Forbid WAN PING from internet**
DDNS	Support DynDNS, No-ip, 3322.org, Oray.com, 88ip
USB Sharing	Support **Samba**(Storage)/**FTP Server**/Printer Server/ **DLNA/ Media Server**
VPN	IPsec pass through PPTP pass through L2TP pass through PPTP server PPTP client L2TP client
Special Features	**Smart WiFi Schedule** **Sleeping Mode** **Smart LED on/off** **Tenda App**
Others	Bandwidth Control **Guest Network** **IPTV** MAC Clone Static Routing System Log Backup & Restore configurations Firmware upgrade online Firmware upgradeable via browser

Others

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, BSMI, NCC, EAC, IC
Package Contents	AC1900 Smart Dual-Band Gigabit WiFi Router Power Adapter Install Guide Cat5e Ethernet Cable