

# W736 Pro

## WiFi7 BE3600 Giga Wireless Router

### Overview

W736 Pro is a 2.4G & 5G wireless dual-band WiFi 7 router, Using the MediaTek solution, CPU with 1.5 GHZ, Support for the latest 802.11be WiFi7 technology, Provide maximum wireless rates up to 689+2882Mbps(2.4G+5G), The 5GHz band coverage distance can be increased by 4.5 meters or more through a wall, Using the intelligent encoding mode, Weak signal resolution ability is strengthened by 4 times. Significantly improve the 5 GHZ signal at the edge/dead corner of the signal, and improve the data return ability at the weak signal, so that the whole house can enjoy better 5 GHZ signal coverage. Support EasyMesh networking, in any corner to enjoy smooth 4K / 8K streaming media, immersive AR / VR games and super fast business download.



# Features

- One 10/100M/1000/2500M Adaptive Ethernet interface is provided
- Three 10/100M/1000M Adaptive Ethernet interface is provided
- Support for automatic adjustment of the wireless transmission rate, and the maximum support of 689 + 2882Mbps wireless rate (2.4G + 5Support 2.4G, 5G double frequency segments, support DFS, TWT, Preamble puncture, Xtra Range 2.0 technology
- Support WPA-PSK, WPA 2-PSK, WPA / WPA 2-PSK, WPA 3-SAE, WPA 2-PSK / WPA 3-SAE encryption and security mechanism, can ensure the security of the data transmitted in the wireless network
- External Six non-removable high-gain antennas, which support beam forming
- Support SSID broadcast control, effectively prevent SSID, broadcast leakage
- Built-in network address conversion (NAT) function
- Built-in DHCP server
- Support software online / local upgrade, free use of the router's latest software
- Support for PC / mobile phone Web management, simple installation wizard
- Support for WMM, to make your voice and video more smooth
- Support VPN transmission
- support UPnP
- Support relay function
- support EasyMesh

## Specification

Hardware Performance	
<b>Chipset</b>	AN7563PT+MT7991B+MT7976C+EN8811
<b>Interface</b>	1x 10/100/1000/2500M WAN port and supports Auto MDI / MDIX 3x 10/100/1000M LAN ports that support Auto MDI / MDIX
<b>Button</b>	Reset / Mesh (long press 5s reset, short press 1s WPS)
<b>LED</b>	1x Green/Red/Blue Status
<b>Antenna</b>	6x External Omnidirectional 5 dbi gain non-removable antenna
<b>Power</b>	DC 12V1.5A
Wireless	
<b>Basic function</b>	Wireless enabled / off

	<p>SSID, broadcast enabled / off</p> <p>2.4GHz Channel: 1,2,3,4,5,6,7,8,9,10,11,12,13</p> <p>5GHz Channel: 36~64,149~165</p> <p>2.4G frequency width: 20 MHz, 40 MHz</p> <p>5G frequency width: 20 MHz, 40 MHz, 80 MHz, 160 MHz</p>
<b>Frequency</b>	<p>2412~2472M Hz</p> <p>5170~5330M Hz ,5735MHz~5835MHz</p>
<b>ThroughPut</b>	The 2T2R is up to 3600Mbps
<b>RF Power</b>	20 ± 3 dBm @ MCS13
<b>Mode</b>	Router,Ap,WISP,Client+AP
<b>Wireless security</b>	<p>Wireless MAC address filtering</p> <p>WPA-PSK, WPA2-PSK, WPA3 -SAE, WPA/WPA2-PSK, WPA2- PSK/ WPA3 - SAE</p> <p>WPS (PBC)</p>
<b>Wireless Functions</b>	<p>Wireless host status display</p> <p>Wireless site scan</p> <p>Seamless roaming between nodes</p> <p>Seamless roaming between frequency bands</p>
<b>WiFi Setting</b>	<p>Wi-Fi basic settings (dual frequency integration, switch, wireless mode, SSID, PWD, encryption algorithm, channel, bandwidth, power adjustment)</p> <p>Advanced Settings (Wireless Client Isolation, 802.11h, WMM Multimedia Acceleration)</p> <p>Multi- SSID (SSID, encryption method, PWD, encryption algorithm)</p>
<b>Mesh</b>	<p>Mesh Switch</p> <p>Role selection</p> <p>Networking mode</p> <p>Mesh-TOP</p>
<b>Software</b>	
<b>Network status</b>	<p>System status view:</p> <p>Device information (power-up time, system time, software version, hardware version)WAN dialing information, LAN status, WIFI information, IPv6 information, Mesh node information</p> <p>Mesh node information:</p> <p>Mesh networking node information, Mesh networking tutorial tips</p> <p>Client information:</p> <p>Support can directly pull the client into the blacklist</p> <p>Wifi information:</p>

	<p>Can directly jump to configure the wifi information</p> <p>Real-time speed display, WAN IP address display, software version information</p>
<b>Network settings</b>	<p>Support for WAN port connection type: PPPoE, dynamic IP, and static IP</p> <p>MAC address clone, IPTV settings</p>
<b>LAN Settings</b>	<p>DHCP server settings</p> <p>Manage IP settings</p>
<b>Firewall</b>	<p>Port mapping, DDNS, DMZ, WAN prevention PING, remote WEB management</p>
<b>Parents control</b>	<p>Online device display</p> <p>Online time</p> <p>Limited Internet time period</p> <p>URL filtering configuration</p>
<b>Advanced setup</b>	<p>Working mode, Bandwidth control, Sleep mode, LED control, Filter MAC address, Firewall, Static routing, DDNS, Virtual server, DMZ host, UPnP, TR 069 setting</p>
<b>System management</b>	<p>System status, time setting, password management, configuration management, and firmware upgrade</p>
<b>System Tool</b>	<p>Traffic Statistics</p> <p>System log</p> <p>Time zone setting</p> <p>Local WEB management control configuration</p> <p>File import and export</p> <p>Web software upgrade</p>
<b>Others</b>	
<b>size</b>	<p>278x179x33mm</p>
<b>Environment</b>	<p>Operating temperature: 0°C to 40°C</p> <p>Storage temperature: -40°C to 70°C</p> <p>Working humidity: 10% to 90% RH does not condense</p> <p>Storage humidity: 5% to 90% RH not condensing</p>
<b>Packing Quantity</b>	<p>20Pcs/box</p>

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