



2.4G & 5.8G 5000Mbps 802.11BE Indoor Wireless Router

1: 512MB CPU, 128MB Flash,access 128users;
2: Dual-band concurrent Wireless Access Point compatible with IEEE802.11a/b/g/n/ac/ax/be;
3: Smart Mesh networking and IEEE802.11K/V/R for big area Wireless Coverage;
4: Support OFDM/BSDK/QPSK/DQPSK/DBPSK

Product Introduction

The EW3600 is a high-performance WiFi 7 (802.11BE) router with dual-band 2.4GHz/5.8GHz support, delivering up to 5000Mbps total wireless speed (688Mbps on 2.4GHz, 4323Mbps on 5.8GHz). With full Gigabit ports, high gain, low latency, and support for up to 128 users, it ensures stable, high-speed connections even in high-density environments. Stylish and easy to install, it supports MESH networking and relay functions for expanded coverage—ideal for homes, offices, shops, and restaurants.

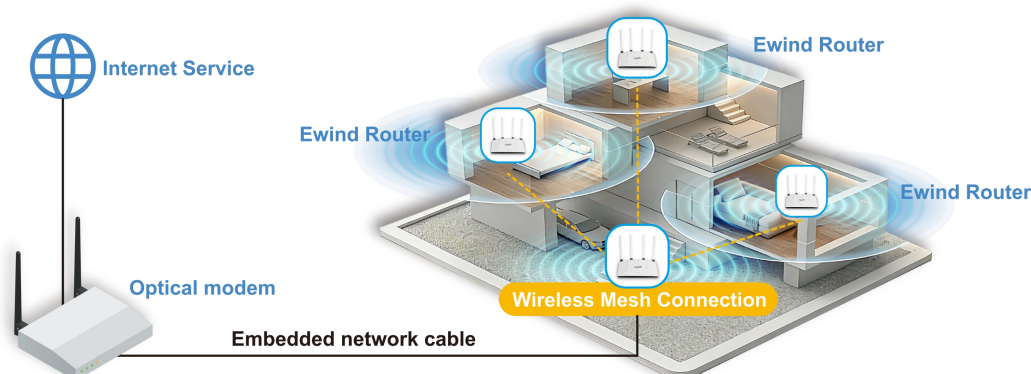
TECHNICAL SPECIFICATION

Model	EW3600
Hardware Configuration	
Main Chip	MTK MT7987A+7991A+7976C High-performance enterprise-level chip
Memory	512MB
Flash	128MB
Wireless Standards	IEEE802.11a/b/g/n/ac/ax/be@5GHz IEEE802.11a/b/g/n/ac/ax/be@2.4GHz
Signal Rate	5GHz: Up to 4323Mbps 2.4GHz: Up to 688Mbps Total 5000Mbps
Operation Frequency	2.4GHz: 2.4GHz ~ 2.484GHz 5GHz: 5.150GHz ~ 5.850GHz

Ethernet Standards	IEEE802.3, IEEE802.3u
Interface	1×10/100/1000/2500Mbps WAN/LAN Port; 3× 10/100/1000Mbps LAN Ports 1×USB Port
Antenna	5x5dBi external antennas
Button	Reset button for factory reset (long press for 6 seconds to reset) WPS button for easy password-free connection
Power Adapter	DC 12V==1.5A
Basic Features	SSID Broadcast Support MU-MIMO
Wireless Security	Firewall/DoS protection/WPA3-PSK
Wireless roaming	Comply with IEEE802.11v/r
Wireless Technology	- 1024QAM high-speed access rate, OFDMA high-density user access - OFDMA/MU-MIMO uplink/downlink - BSS Color spatial reuse - Space-time block code (STBC), low-density parity check (LDPC), beamforming TX/RX for uplink and downlink Power-saving features: single antenna standby technology, dynamic MIMO power-saving technology, enhanced automatic power-saving transmission technology, packet-by-packet power control technology, etc.
Operating/Storage Temperature	-10℃ ~ 45℃ / -20℃ ~ 70℃
Operating/Storage Humidity	10% to 90% (non-condensing) / 5% to 90% (non-condensing)
Functions Description	
Basic Functions	Internet Setup (WAN), Wireless Settings (SSID/password/WiFi On/Off/Hidden), Multiple SSIDs, Device Management/Disable, DHCP Server, Backup & Restore, Firmware Upgrade, Factory Reset, Multiple Encryption Modes
Advanced Functions	Intelligent QoS, DDNS, IPv6 Support, Beamforming, MU-MIMO, Signal Strength Adjustment, IPTV, VPN, Mesh Networking & Relay, Port Forwarding, Scheduled Power On/Off, Blacklist/Whitelist, WPS, UPnP, Guest Network, MAC Address Binding, Traffic Statistics
Software Functions	
Working Mode	Routing mode/Bridge mode
Number of connected users	128 Peoples
Management mode	Chinese / English / Spanish / Russian web remote management/support for TR069 remote management
Status	Internet\Router\WiFi\Primary Network User\ Guest User\DHCP List

Network	Ethernet: Network (Routing\Bridge) \ Ethernet Setting (Dynamic IP\Static IP\PPPoE)\ Ethernet Status LAN Setup: Lan: IP Address\Subnet Mask\DHCP setting\DNS\ Lease time Guest Network Address Pool
Wireless	-WiFi: Dual frequency in one\2.4G&5G WPS switch\ 2.4G&5G: Status switch\Hide SSID\SSID\Security\ Encryption Mode\Password\ Advanced Settings: Protocol\Channel Bandwidth\ Channel\Tx power -Black and White List: Switch\ Mode switch (Blacklist\Whitelist) \Blacklist -WPS: 2.4G&5G Switch\PBC -Mesh: Switch\Role (Automatic\Main route\Satellite) \ Add satellite\Fast roaming\ 2.4G&5G Set signal strength threshold -Relay mode: Switch\Frequency band\SSID(Scan)\ Security\Password\Status -Advanced Configuration: Band Steering\WLAN QOS\ WiFi5 Compatibility mode\WiFi timed reboot
Network Advanced	IPV6\DDNS\IPTV\Guest Network\Parental Control\ VPN Client(PPTP\L2TP)\Hardware HNAT
Features	ALG\Port Forwarding\DMZ Settings\MAC Filtering\ IP Filtering\DDOS\URL Control
Management	SNTP\Change User Info\Backup & Upgrade\ Restart & Reset\LED Switch\Flow Control\System Log
Setup Wizard	WiFi-Network Configuration-Summary
Mesh Topo	Overall network device topology(IP\MAC\Medium)

Applicaiton



Packing List

CONTENT	QTY	UNIT
802.11BE WiFi7 5000M Gigabit Router (EW5000)	1	PC
DC 12V/1.5A power adapter	1	PC
Ethernet cable	1	PC
User manual	1	PC