



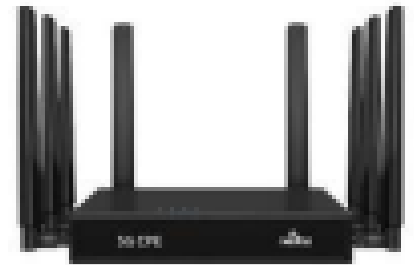
[www.lightbreeze.net](http://www.lightbreeze.net)

**Brand: Light Breeze**

**Model: Wifi 7 Router**

### Product Overview

The WiFi 7 Router is an entry-level next-generation wireless networking solution based on the latest IEEE 802.11be (Wi-Fi 7) standard. Featuring advanced technologies such as 4K-QAM, Multi-Link Operation (MLO), Multi-Resource Unit (MRU), and Preamble Puncturing, it delivers faster speeds, lower latency, higher capacity, and improved network efficiency compared to previous Wi-Fi generations. With a combined dual-band wireless speed of up to 3.57 Gbps, the router is designed to provide reliable connectivity for gaming, online learning, video conferencing, 4K streaming, and smart home applications. Its enhanced performance makes it ideal for large homes, duplex residences, and small office environments with multiple connected devices.



### Key Features

- Supports Wi-Fi 7 (IEEE 802.11be) technology
- Dual-band wireless speeds up to 3.57 Gbps
- Advanced 4K-QAM modulation for higher throughput
- Multi-Link Operation (MLO) for improved reliability and reduced latency
- MRU (Multi-Resource Unit) support for efficient spectrum utilization
- Preamble Puncturing technology for better performance in congested environments
- Mesh networking support for extended wireless coverage
- Optimized for gaming, streaming, video conferencing, and smart home devices
- Enhanced network capacity and lower latency in high-density environments



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## Technical Specifications

Specification	Details
Model	WiFi 7 Router
Wireless Standard	IEEE 802.11be (Wi-Fi 7)
Wireless Speed (2.4 GHz)	Up to 688 Mbps
Wireless Speed (5 GHz)	Up to 2882 Mbps
Combined Dual-Band Speed	Up to 3570 Mbps
WAN Port	1 × 2.5 Gigabit WAN
LAN Ports	2 × 1 Gigabit LAN
Mesh Networking	Supported
Flash Memory	128 MB
SDRAM	512 MB DDR4
Advanced Features	4K-QAM, MLO, MRU, Preamble Puncturing





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### **Applications**

- Large homes and apartments
- Duplex residences
- Small offices and workspaces
- Online gaming
- 4K/8K video streaming
- Smart home ecosystems
- Video conferencing and remote learning



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