



Fiber Optic 360 Router

Article Overview

The 360 Fiber Optic Router, part of Quantum Fiber's 360 WiFi system, is a Wi-Fi 7 mesh network designed to provide seamless, high-speed coverage for homes and small businesses.

Overview of 360 WiFi

The 360 WiFi system is a smart mesh network that extends Wi-Fi coverage throughout your home or office, ensuring devices automatically connect to the strongest signal available. It pairs a Quantum Fiber SmartNID with one or more Wi-Fi pods, which communicate via cloud-based software to optimize routing and performance. This setup is particularly effective for hard-to-reach areas like basements, garages, or multi-floor homes, and can cover spaces larger than 2,500 square feet .

Key Features

- o Wi-Fi 7 Certified: Supports the latest Wi-Fi 7 standard, enabling faster speeds, lower latency, and better handling of multiple devices simultaneously .
- o Adaptive Network: Devices automatically switch to the closest Wi-Fi pod for optimal performance.
- o App Management: The Quantum Fiber app allows users to manage devices, set access controls, and configure guest networks .
- o Mesh Coverage: Multiple pods can be placed strategically to eliminate dead zones and extend 5 GHz coverage for faster speeds .

Performance and Compatibility

360 WiFi is optimized for fiber-optic internet, which provides ultra-fast speeds and low latency. Fiber connections can reach multi-gigabit speeds, and routers like the 360 WiFi system are designed to handle these high speeds without bottlenecks. Modern Wi-Fi 7 routers, including the 360 system, often feature multi-gigabit Ethernet ports, internal antennas for wide coverage, and support for numerous devices simultaneously, making them ideal for streaming, gaming, and smart home setups .

Comparison with Other Fiber Routers

High-performance fiber routers, such as the Netgear Nighthawk RS700S or ASUS RT-BE86U, also support Wi-Fi 7 and multi-gigabit speeds, offering coverage up to 3,500 square feet and handling hundreds of devices. The 360 WiFi system is comparable in terms of speed and coverage but emphasizes mesh networking for seamless connectivity across multiple floors or rooms .

Conclusion



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The 360 Fiber Optic Router is a robust solution for users with Quantum Fiber service or other high-speed fiber connections. Its Wi-Fi 7 mesh design ensures fast, reliable, and adaptive coverage, making it suitable for homes or small businesses with multiple devices and high bandwidth demands. For optimal performance, pairing it with fiber-optic internet ensures you can fully utilize its speed and coverage capabilities .

Routers for Fiber Optic Internet are designed to help you take full advantage of your high-speed connection, delivering a seamless

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If you make certain service changes, including canceling or upgrading, you will need to return your leased equipment to Quantum

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