

What router should I use for a 4 Mbps fiber optic connection



Article Overview

For a 4 Mbps fiber connection, a basic or budget-friendly router with stable Wi-Fi coverage is sufficient; high-end Wi-Fi 6 or Wi-Fi 7 routers are not necessary.

Recommended Router Type

Since your fiber connection is only 4 Mbps, you do not need a high-performance multi-gigabit router. A basic dual-band Wi-Fi 5 (802.11ac) router or an entry-level Wi-Fi 6 router will provide stable connectivity for web browsing, streaming, and light device usage without overpaying for features you won't use. Key features to consider:

- Dual-band support (2.4 GHz and 5 GHz) for better device compatibility and reduced interference.
- Coverage area that matches your home size; for small apartments, 1,500–2,000 sq. ft. is usually sufficient.
- Ethernet ports if you want wired connections for devices like smart TVs or PCs.
- Basic security features like WPA3 or WPA2 encryption.

Budget-Friendly Options

- TP-Link Archer AX55: A Wi-Fi 6 router that offers reliable performance at a reasonable price, ideal for small to medium homes.
- NETGEAR Nighthawk RS150 or RS300: Older Wi-Fi 5 models that provide stable coverage and are more than enough for a 4 Mbps plan

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Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://khanimamboguesthouse.co.za>

Email: sales@khanimamboguesthouse.co.za

Phone: +27 64 852 1973

Address: Unit 7, Greenway Business Park, 8 Innovation Drive, Centurion, 0157, South Africa

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