

British Telecom-grade Router 40G



Article Overview

BT currently offers routers optimized for high-speed broadband, including Wi-Fi 6/6E and mesh systems, but there is no publicly available BT router rated for 40G speeds.

BT Router Options

BT provides several router models for home and business broadband:

- BT Smart Hub 2: Supports Wi-Fi 5 (802.11ac), dual-band connectivity, and is suitable for standard full-fibre broadband plans. It includes basic mesh support via Wi-Fi boosters but is not designed for ultra-high-speed 40G connections .
- BT Halo 3+: Offers advanced features such as Hybrid Connect with a 4G backup mini-router, Complete Wi-Fi with Wi-Fi discs for whole-home coverage, and premium reliability. It supports high-speed fibre plans but is limited to multi-gigabit speeds rather than 40G .
- Wi-Fi 6/6E and Wi-Fi 7 routers: BT and other UK ISPs are increasingly offering routers with Wi-Fi 6/6E or Wi-Fi 7 support, providing faster wireless speeds, better device management, and improved coverage for homes with many connected devices .

Performance and Speed Considerations

While BT routers are optimized for high-speed broadband, the maximum speeds achievable are constrained by:

- Broadband plan limits: BT's fastest consumer fibre plans currently offer speeds up to 900 Mbps to 1 Gbps for residential users. Enterprise or leased-line services may reach multi-gigabit speeds, but 40G is not standard for consumer-grade BT routers .

Article Content

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BT Broadband router round-up 2026

On this page, we're going to check out the bundled wireless routers currently on offer for new BT customers, or

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Best and Worst Broadband Routers in 2026 Choosing the right broadband provider isn't just

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From Ultra Fast Full Fibre broadband to TV & Mobile, BT helps UK families, communities & companies reach their potential. Find

Single Order Generic Ethernet Access (SoGEA) | BT Wholesale

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40G Ethernet Connectivity: What are the options?

This means that one 40G port can be connected to four separate SFP+ ports in 4 separate pieces of electronic equipment (servers,

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BT broadband router review for 2025

BT is becoming EE We thought we'd actually start with an important fact before launching into our review - BT and EE

Speedport Smart 4 kaufen | Telekom

Der Telekom Speedport Smart 4 überzeugt mit sehr hohen Internetgeschwindigkeiten sowie mit stabilen Verbindungen in jedem

Different types of BT Hub | Broadband Help | BT | BT Help

Over the years, we've developed better and better Hubs (routers) for our customers as new technology has become available. This

Home Broadband & Line Rental

Discover broadband from BT. Dedicated to bringing you fast, reliable home broadband, it's no wonder that

All you need to know in relation to BT Broadband Routers

Most providers give you a router for free when you first sign up for one of their broadband deals. BT has a

Cisco 40 Gigabit Modules

Cisco's Transceiver Module Group delivers industry-leading, standards-compliant 40 Gigabit pluggable transceiver modules.

Best wireless router 2026: Our tests reveal the fastest,

Best wireless router 2026: Our tests reveal the fastest, most feature-packed routers around Want a fast,

BT Broadband Router 2026 | Which Router Will I Get

As of May 2026, BT has finally upgraded its standard router to the Smart Hub 3 – and we're pleased to be

Best Bt Routers Comparison

7 Best Bt Routers In the UK Last Updated - 01/07/2026 Advertising Disclosure
Electronics Home & Kitchen Computers

Cisco ASR 9000 Series 40 and 56 Gigabit Ethernet Line Cards Data

This line card delivers industry-leading 40 1-Gigabit Ethernet ports or a combination of 4 10-Gigabit Ethernet and 16 1

Best BT Broadband Deals For July 2026 | £0 activation fee

Compare our best broadband deals to find the right package for you. Browse the broadband

The Best Routers for BT Broadband and How to Use Your Own

The best routers for BT broadband, with a top pick, value pick and mesh pick, plus the honest truth about replacing

NetIron 40G Series

These IPv4/IPv6 routers provide up to 480 Mp/sec forwarding performance, while also supporting multiple routing protocols including

Best Bt Routers Comparison

Fast internet speeds up to 300 Mbps. Great range, even through doors. Ideal for home and office use. The

Best Router 2025: Top options for upgrading your Wi-Fi ranked

Fed up with sluggish internet speeds, despite forking out for expensive broadband? Here are the best routers we have

Fastest Wi-Fi Routers Tested and Reviewed 2026

We list the fastest routers and mesh systems we've tested. Are you ready for an upgrade?

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Visualization of different context lengths in text - willhama/128k-tokens

BT broadband routers | MoneySuperMarket

Given that the Smart Hub 2 is BT's latest router and is tailored to support BT's fibre broadband, we recommend

TP-Link BT Infinity Routers

TP-Link BT Infinity Routers A BT Infinity Router is the best way to connect to your high speed BT FTTC Broadband connection. With

Which broadband provider has the best wireless router?

Wireless routers provided by broadband providers vary in quality and technical specifications, so which wi-fi hubs

Best and Worst Broadband Routers in 2026

This guide compares the latest routers offered by UK broadband providers, highlighting

Contact Us

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