



## Norway gets lightning-fast, next-generation technology with Zyxel WiFi 6 gateway

As the first major broadband provider in Norway, Telia tries to offer unmatched digital experience with higher speeds, greater capacity and better coverage. With broadband industry expertise for decades, Zyxel Communications provides Telia with the EX5501, a broadband router that supports the new WiFi 6 technology, to significantly upgrade Telia's competitiveness in the district to the next level.

"With this launch, we've reached another important milestone in ensuring that our customers get the best WiFi experience in the home," says Ola-Jo Holthe Semb, Head of Broadband at Telia.

Marius Rønningen, CEO, Zyxel Communications Norway acclaims, "Zyxel EX5501 is one of the most powerful broadband routers on the market, as it has a technically superior solution compared to most other routers. The quality of WiFi has improved dramatically, and we're very pleased to be able to launch this product with Telia."

### **Zyxel EX5501 for the full family**

Based on the new WiFi 6 technology, the Zyxel EX5501 delivers wireless speeds of up to 4.8 Gbps on the 5 GHz band and 1.1 Gbps on the 2.4 GHz band. WiFi 6 technology optimizes bandwidth usage in the wireless network and provides greater

### **Telia's challenges**

- Securing its leading position with unparalleled WiFi experience
- Delivering unmatched broadband experience with higher speeds, greater capacity and better coverage for subscribers to stream and surf on multiple devices simultaneously

### **Zyxel solutions**

- EX5501 supports to the 802.11ax (WiFi 6) technology featuring unique uplink MU-MIMO and the revolutionary OFDMA technology
- EX5501 supports to auto-provisioning and remote management through TR-069
- The In-house developed OPAL software platform for flexible development and faster time-to-market

capacity. This allows a family to stream and surf on multiple devices, mobiles, tablets, and laptops at the same time, while still getting high speeds, super-fast.

The broadband router also has a 2.5 Gigabit LAN port, which provides superb wired connectivity and is perfect for gaming and a 2.5 Gigabit WAN port. The router's built-in antennas also provide much better in-home coverage.

### The full power of WiFi 6

To leverage all the power of WiFi 6, subscribers of course need devices that support the new technology. Currently, these are mainly available as smartphones like iPhone 11 and the latest Samsung Galaxy models, but more devices, laptops, and tablets are surely coming. While we're waiting, the technology in Zyxel EX5501 is backwards compatible, meaning that the devices subscribers have today will already work well with Zyxel EX5501.

### Telia offers the best WiFi experiences

It has been Telia's ambition for many years to be the leading supplier of great WiFi experiences. For example, the company was the first broadband provider to launch Mesh WiFi and WiFi coverage guarantee through the "WIFIX" service. Zyxel is really pleased to have assisted our customers like Telia in reaching their goals again and again.

### Core benefits

- Enhancement to subscribers' in-home coverage with EX5501's built-in antennas
- Smooth migration to the new WiFi 6 technology with EX5501's backward compatibility
- Optimized bandwidth utilization that increases overall network capacity and the number of simultaneous streams with EX5501
- Ensuring subscribers to get the best WiFi experience at home

## Featured products



### EX5501-B0

Wireless AX6000 Gigabit Ethernet VoIP IAD

- WiFi 6 (11ax) 2.4 GHz 4x4 ax + 5 GHz 4x4 ax
- 2.5G RJ45 WAN and 1 x 2.5G LAN + 4 x 1G LAN
- EasyMesh standards compliant
- Uplink/downlink MU-MIMO and OFDMA
- TR-069/TR-181
- Zyxel OPAL platform

For more product information, visit us on the web at <https://service-provider.zyxel.com>

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Customer story [Telia](#)

