

# Telenor Wifi-router

Wifi6 Router i4882

TEB2.1158 - 2203



## Wifi6 router

More homes now have multiple devices requiring strong, steady Wifi signals. Telenor wifi-router i4882 takes performance to the next level with 2.5 Gbps and best-in-class Wifi 6.

## Design

Special attention has been put into creating a beautiful, minimalistic yet fully flexible design which matches the modern home.

## Coverage

With a premium Wifi antenna configuration of 8x8 + 4x4 Telenor wifi-router i4882 offers physically separated antennas for lower signal loss and higher quality over longer range to meet every type of home networking need.

## Remote app support

Manage your network with our easy to use app. Get an overview of your connected devices and network quality. Check your coverage and best positions for your extenders.

## Easy installation

Easy to install and setup. No manuals needed. Color coded cords for bullet proof guidance.

## Connectivity

Cloud Based Algorithms for Channel selection and Band steering. The router is scalable to a mesh system by adding extenders if needed.

For more information on any of our products or services please visit us on the Web at [www.telenor.se](http://www.telenor.se)



## Features

- Enterprise 8x8+4x4 Wi-Fi 6 configuration
- Non-blocking 2.5 Gbps architecture
- Wi-Fi Data Link speed above 8Gbps
- Low power consumption
- Extensive IPv6 support

## Network Communication

### WAN Interface

- 1 RJ45 connector 100/1000/2500 BaseT(x)
- Full-duplex transmission
- Auto-negotiation for speed and duplex
- Auto MDI/MDX

### LAN Interface

- 1 RJ45 connector 100/1000/2500 BaseT
- 2 RJ45 connector 100/1000 BaseT(x)
- Auto-negotiation for speed and duplex
- Auto MDI/MDX
- Jumbo packets

### Layer 2

- 8 bridge instances
- 64 byte forwarding at line rate
- Jumbo 9k packets
- IGMP v1/v2/v3 snooping
- 802.1p marking
- VLAN support
- Wi-Fi support
- Transparent IPv6 forwarding

### Wifi Interfaces

- Authentication methods - Open - WPA2 - WPA3
- MAC filtering
- Beamforming
- 802.11kvr band steering and client roaming
- Neighbour scanning & Advanced channel selection
- Software Tx power control
- Extensive monitoring & Wireless Client Isolation

## 802.11ax Wi-Fi

- 802.11ax 8x8:8 5 GHz + 4x4:4 2.4GHz
- BW support: 20 MHz, 40 MHz, 80 MHz
- Modulation support: MCS 0-11
- Downlink MU-MIMO and OFDMA
- Up to 1024QAM modulation
- Support for unequal MCS
- Support for LDPC, STBC
- Support for Dual Channel, Dual Concurrent Mode
- Support Target Wake Time
- HW Support for Singular Value De-composition (SVD) for explicit Transmit Beamforming

## 802.11ac Wi-Fi

- 802.11ac Wave-2 8x8:8
- BW support: 20 MHz, 40 MHz, 80 MHz, 160 MHz
- MU-MIMO
- TurboMAC for optimized legacy performance
- Support for LDPC, STBC
- Modulation support: MCS 0-11

## 802.11bgn Wi-Fi

- 802.11B/G/N 4x4:4
- MIMO
- Modulation support: MCS 0-76

## Layer 3

- 64 byte forwarding at line rate with routing/NAT
- IGMP v1/v2 proxy with fast-leave and monitoring
- Stateful IPv4 and IPv6 Firewall
- Supports routing for IPv4 and IPv6
- IPv4 - SNAT, DNAT, DMZ - DNS proxy - DHCP client and server
- IPv6 - Prefix delegation RFC3769 - DHCP client - Multicast
- 32k HW connection tracking
- RTSP stateful proxy

- Protocol helpers for: SIP, RTSP, FTP, TFTP, PPTP, L2TP and IPSec
- Guest Access

## QoS

- 8 queues
- Support SP and WFQ
- Layer 2 and 3 QoS features - Queuing - Scheduling - Rate-limiting

## USB

- 1 x USB 2.0 host

## Management & monitoring

- L1-L3 filters for all local services
- All settings are stored locally in flash
- Dual bank firmware w/ fail-safe upgrading
- Auto-off LED
- Hardware watchdog

## Operational specifications

- DC12V input  $\pm 10\%$
- Power consumption maximum: 40 W
- Operating temperature: 5 - 40°C
- Storage temperature: -20 - 85°C
- Humidity: 5% - 95% (non-condensing)

## Physical specifications casing

- Size: 207.8 x 179.5 x 76.94 mm (W x H x D)
- Weight: 1000 g
- LAN status LEDs (link-speed/traffic, duplex) per interface
- WPS button
- Flame retardant friendly PC + ABS plastic