

FRITZ!Box 7530



These instructions are to help you configure your router for IPv6. Please note that different firmware versions and models of routers may have slightly different configurations.

Connection Type: IPoE - Ethernet

1. Open a web browser, such as Google Chrome or Mozilla Firefox, type `http://router.asus.com` or `http://fritz.box` into the address bar, and press **Enter**.
2. Log in using the gateway password printed on the back of the router.
3. Once logged in, click on **Internet**, and then the **IPv6** tab, and then configure the settings as below and click Apply.
 - IPv6 Support:
 - o **IPv6 support enabled**
 - IPv6 Connectivity:
 - o **Use native IPv4 connection**
 - Connection Settings:
 - o **Use DHCPv6 Rapid Commit**
 - o **Require certain length for the LAN prefix**
 - o Length: **48 bits**
 - Additional Settings:
 - o Set MTU manually: **No/Disabled**

A screenshot of the Fritz!Box web interface showing the IPv6 configuration page. The page has a blue header with tabs for 'Internet Connection', 'IPv6', 'LISP', 'AVM Services', and 'DNS Server'. The 'IPv6' tab is selected. Below the header, there's a section titled 'IPv6 Support' with a checkbox 'IPv6 support enabled' which is checked. Below that is 'IPv6 Connectivity' with three radio button options: 'Use native IPv4 connection' (selected), 'Use native IPv6 connection', and 'Use IPv6 with a tunnel protocol'. Below that is 'Connection Settings' with two checked checkboxes: 'Use DHCPv6 Rapid Commit' and 'Require certain length for the LAN prefix'. There is a 'Length' field set to '56 bits'. At the bottom is 'Additional Settings' with a checkbox 'Set MTU manually' which is unchecked, and a field showing '1280 Bytes'. At the bottom right are 'Apply' and 'Cancel' buttons.

Internet > Account Information

Internet Connection IPv6 LISP AVM Services DNS Server

Here you can enable and configure the IPv6 support of the FRITZ!Box.

IPv6 Support

☒ IPv6 support enabled

IPv6 Connectivity

☒ Use native IPv4 connection

☐ Use native IPv6 connection
For this operation mode your internet service provider must support native IPv6 on your line.

☐ Use IPv6 with a tunnel protocol
Use IPv6 with a tunnel protocol over a conventional IPv4 connection. To use this operating mode your internet service provider does not have to support IPv6.

Connection Settings

☒ Use DHCPv6 Rapid Commit

☒ Require certain length for the LAN prefix

Length bits

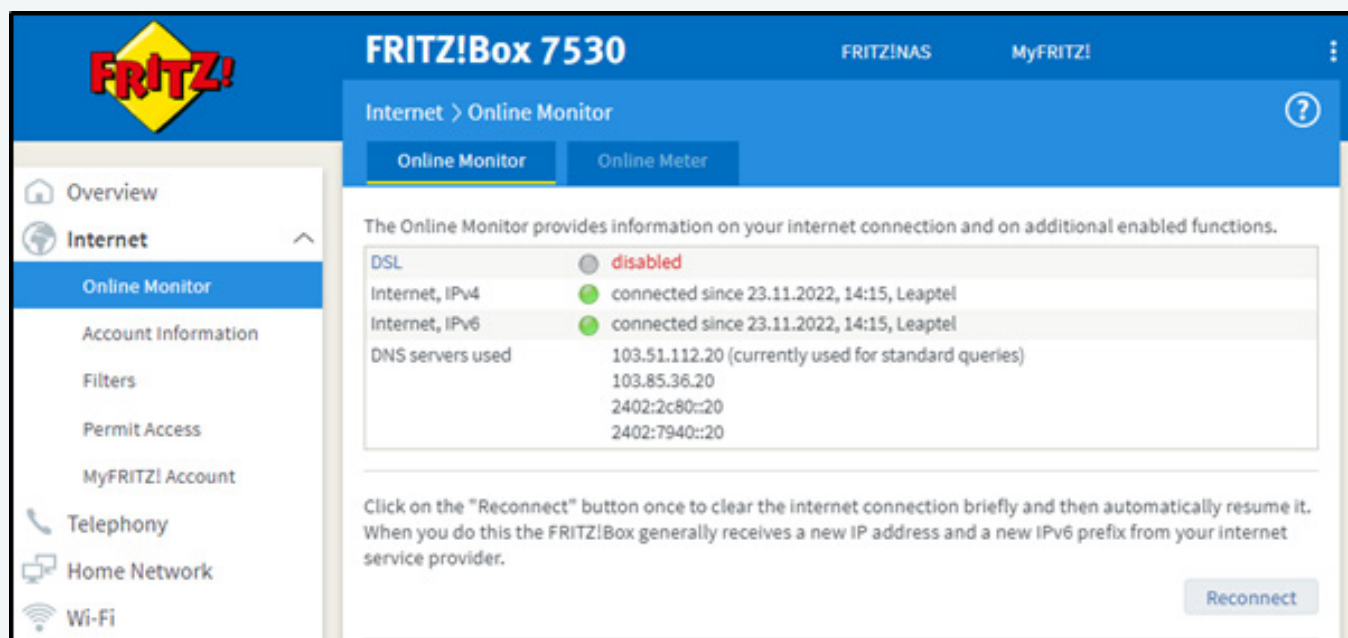
Additional Settings

☐ Set MTU manually Bytes

Apply Cancel

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6. Click on **Internet**, and then **Online Monitor**. Next, click on **Reconnect**.



Please note that this document is intended as a guide only and is not for a router that we currently sell. Our support team will not be able to advise of further steps, and recommend contacting the manufacturer if you need further assistance with the configuration of this device.