

# FRITZ!Box 7530 AX wireless router

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## Wi-Fi 6 for IP-based connections

The new Wi-Fi 6 for all DSL and VDSL connections including 35b supervectoring:  
The FRITZ!Box 7530 AX has the latest technology on board, effortlessly connecting all your devices to the Internet.

## Wi-Fi 6 – next-generation Wi-Fi for all devices

Smartphones, tablets, game consoles and computers - the number of devices per household is increasing all the time. The FRITZ!Box 7530 AX is designed for this and supports next-generation Wi-Fi 6. New transmission methods ensure top Wi-Fi speeds. And best of all: Wi-Fi 6 achieves optimal data rates even when you've got multiple devices connected to your home network at the same time.

Established standards such as Wi-Fi 5 and 4 also ensure compatibility with all devices.

## Mesh Wi-Fi with FRITZ!

The FRITZ!Box 7530 AX supports Mesh Wi-Fi, meaning your videos, music and photos seamlessly reach every corner of your home, apartment or office. How does it work? The FRITZ! devices work together as part of a single network, communicating with each other and optimizing your wireless devices and network usage.

With Mesh you can enjoy high speeds while surfing, streaming or gaming. Instead of waiting for breathtaking HD television and your favorite music, your media will wait for you.

## A convenient telephone system for IP-based connections

The FRITZ!Box 7530 AX includes a telephone system for modern IP-based connections. With DECT you can create a telephone system with up to six cordless phones. There are also ports for connecting your analog telephone or fax machine. Multiple answering machines, online telephone books and numerous convenience features make phone calls via the FRITZ!Box 7530 AX a joy.

## A variety of connections

The FRITZ!Box 7530 AX is suitable for all DSL connections up to 300 Mbit/s. Whether ADSL, ADSL2+, VDSL or 35b supervectoring: Your FRITZ!Box establishes the connection, meaning you can sit back and enjoy high-speed Internet access. Four gigabit LAN ports and one USB port offer a wide range of options: Not only can you use these to easily integrate all your terminal devices, they also mean you can integrate your printer into your home network and provide USB storage media. This means you can access your videos, pictures and music whenever and wherever you like.

## FRITZ!OS – a fully loaded operating system

FRITZ!OS, the operating system for your FRITZ!Box, is updated with new features on a regular basis. With the FRITZ!Apps you can also use your smartphone to access your data from anywhere, make landline calls in your home network, or control your Smart Home. Alongside FRITZ! Smart Home devices, the FRITZ!Box 7530 AX also supports a wide range of devices with HAN FUN and DECT ULE wireless technology from other manufacturers. And of course, all updates and apps for FRITZ! products are free of charge.

### **FRITZ!Box for safety's sake**

You're always on the safe side with FRITZ!Box! The comprehensive security concept protects your communications. It undergoes constant testing and development. Thanks to the free updates, you can always rest assured.

### **Compatible with any connection**

You can use your FRITZ!Box with any DSL- and IP-based connection. Alternatively, you can run it behind a fiber optic or cable modem and simply integrate it into an existing Wi-Fi network. It can even be operated with a 4G/3G dongle.

### **At home anywhere with MyFRITZ!**

With MyFRITZ! from AVM, benefit from secure and convenient access to your FRITZ!Box from anywhere in the world. Retrieve files stored in FRITZ!NAS, view your recent call list and listen to messages left on your answering machine. With MyFRITZ!App, you can even access your FRITZ!Box remotely using your smartphone or tablet.

### **Peace of mind**

FRITZ!Box offers comprehensive protection against attacks. The preconfigured firewall, filter function, and DECT and Wi-Fi encryption ensure secure connections. Parental controls and guest Internet access are, of course, included free of charge.

### **Encrypted communication via VPN**

With the modern WireGuard protocol and the proven IPSec standard, you can establish a secure connection to your FRITZ!Box via VPN or connect several FRITZ!Box networks with each other. The settings can be carried out directly in the FRITZ!Box and quickly transferred to smartphones, tablets and computers.

### **Ready for the future with IPv6**

In addition to IPv4, FRITZ!Box supports the IPv6 Internet protocol. IPv6 makes existing services more convenient and simplifies a host of new applications, so you can rest assured that you're ready for the latest technologies.

### **Mesh Wi-Fi with FRITZ!**

With FRITZ! your Wi-Fi grows to whatever size you need at the touch of a button. Combine FRITZ!Box with the intelligent FRITZ!Repeaters and FRITZ!Powerline to adjust your home network to your individual needs and enjoy full Mesh convenience with FRITZ!.

### **Wi-Fi 6**

Wi-Fi 6 offers extremely fast and reliable connection options. It's designed to enable reliable and fast transmission rates even when multiple end devices are being used at the same time.

### **Wi-Fi guest access**

Offer your guests simple Internet access. The guest access has its own network key and name. It's possible to establish a welcome page for customers in cafés or guests at home. Visitors have no access to the home network, so your data stays private.

### **FRITZ!Box as a private hotspot**

When using your FRITZ!Box as a hotspot, you can restrict Internet usage to surfing and e-mail. You have a usage log, while your guests benefit from an integrated QR code that makes it easy for them to connect to the Internet.

### **Complete Wi-Fi control**

Wi-Fi on or off? You can either leave it completely to the automated Wi-Fi night service or take care of it yourself using the "WLAN" button on your FRITZ!Box. Alternatively, you can use FRITZ!Fon as a convenient remote control.

### **Secure ex works**

Every FRITZ!Box is delivered with its own network key to protect your network from unauthorized access. All Wi-Fi networks including guest access can be secured with their own unique key.

### **Connected in no time**

Thanks to WPS (Wi-Fi Protected Setup) you can connect your wireless devices in no time. Simply push the connecting WPS button on both devices for safe, automatic registration.

### **Complete connectivity**

The FRITZ!Box is compatible with all common telephones — analog phones, fax machines, IP and ISDN telephones, and telephone systems. Any devices connected can easily be managed with user-friendly menus.

### **Cordless freedom with DECT**

Up to six cordless telephones can be registered on the integrated DECT base station, with all conversations securely encrypted upon delivery. FRITZ!Box uses the DECT standard, offers additional convenience features when used together with a FRITZ!Fon.

### **Answering machine with voice to mail**

Once activated, the built-in answering machine stores voice messages and sends them to you by email, giving you the opportunity to call back if necessary. The answering machine can also be set to switch on and off at certain times.

### **All contacts synchronized**

You can either save your telephone book contacts on the FRITZ!Box or use existing Google contacts. The FRITZ!Box synchronizes the entries automatically so that you're always up to date.

### **Send and receive faxes**

The FRITZ!Box's fax function eliminates the need for external fax machines. In the user-friendly menu you can insert text and attach an image. Incoming faxes will be forwarded to your email address as a PDF.

### **Making perfect HD telephone calls**

Enjoy top-quality phone calls. Thanks to cutting-edge technology, voices sound as clear and precise as if the other caller were sitting in the same room. Both FRITZ!Box and FRITZ!Fon support HD telephony ex works.

### **Complete control of your phone calls**

The FRITZ!Box provides you with a wide range of features to help you conveniently manage incoming and outgoing calls. You can use call blocking to block annoying sales calls. Call diversions and dialing rules ensure you can be reached on the move and give you full flexibility when selecting outgoing phone numbers or providers.

### **FRITZ!OS**

FRITZ!OS is the FRITZ!Box's operating system, a browser-based software that's easy to use. Clear menus, easy-to-use wizards, and the comprehensive Online Help provide support for any scenario.

### **Free updates**

FRITZ!OS undergoes constant development for even more convenience and performance. The latest developments are available for to download for free, either manually or via auto-update. This way, your FRITZ!Box is always up to date.

### **Media server for great entertainment**

The FRITZ!Box manages all connected USB storage devices and makes their contents available throughout the network. The media server lets users enjoy music, photos, and videos on network-enabled playback devices.

### **FRITZ!Apps for iOS and Android**

The practical FRITZ!Apps offer a wealth of exciting features for smartphones and tablets. Use these free apps for increased convenience when you're on the go.

### **Smart Home: the clever place to live**

Conveniently control Smart Home devices with FRITZ!OS. Operate connected devices with FRITZ!DECT 200 or adjust room temperature with FRITZ!DECT 301/302. FRITZ!DECT 500 provides dimmable and color lighting, while the FRITZ!DECT 440 four-way smart switch is the ideal remote control.

### **Maximum energy efficiency**

The many features offered by FRITZ!OS remove the need for additional devices such as fax and answering machines. And with DECT and Wi-Fi transmission power reduced when the features are not in use, you save both energy and money.

### **Support for DECT ULE/HAN FUN**

DECT ULE/HAN FUN is a manufacturer-independent standard for Smart Home devices. DECT ULE/HAN FUN is included in the FRITZ!Box upon delivery, making it possible to integrate third party Smart Home devices in the home network e.g. wall switches, motion sensors and door-window contacts.

## **Zusammenfassung**

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### **Wi-Fi 6 for IP-based connections**

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FRITZ!Box 7530 AX (Germany), Wi-Fi 6 (802.11ax), Dual-band (2.4 GHz / 5 GHz), Ethernet LAN, ADSL, Grey, Red, White, Tabletop router

FRITZ!Box 7530 AX (Germany). Wi-Fi band: Dual-band (2.4 GHz / 5 GHz), Top Wi-Fi standard: Wi-Fi 6 (802.11ax), WLAN data transfer rate (max): 2400 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet, VPN support: IPSec. Security algorithms: WPA2, WPA3. Product type: Tabletop router, Product colour: Grey, Red, White. Cables included: DSL, LAN (RJ-45)

Merkmale

Antenna

Antenna design	Internal
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Features

Firmware upgradeable	Yes
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Logistics data

Warranty period	5 year(s)
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Other features

Cable length	1.5 m
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DSL features

ADSL	Yes
VDSL	Yes

Protocols

DHCP client	Yes
DHCP server	Yes

Management features

Wake-on-LAN ready	Yes
Intelligent Mesh technology	Yes
MIMO	Yes

Weight & dimensions

Width	200 mm
Depth	152 mm
Height	45 mm

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 95%

Packaging content

Cables included	DSL, LAN (RJ-45)
AC adapter included	Yes
Manual	Yes
Quick start guide	Yes

Ports & interfaces

Ethernet LAN (RJ-45) ports	4
USB port	Yes
RJ-11 ports quantity	1
DC-in jack	Yes

Power

Power source type	DC
AC input voltage	230 V
AC input frequency	50 Hz
Power consumption (typical)	6 W

Security

Security algorithms	WPA2, WPA3
Firewall	Yes
Guest access	Yes
Network address translation (NAT)	Yes

WAN connection

Ethernet WAN	Yes
DSL WAN	Yes
SIM card slot	No
3G/4G USB modem compatibility	Yes

Design

Product colour	Grey, Red, White
Wall mountable	Yes
Indication light	Yes
Product type	Tabletop router

Network

Ethernet LAN	Yes
Ethernet LAN interface type	Gigabit Ethernet
Automatic channel selection	Yes
Dynamic DNS (DDNS)	Yes
USB sharing	Yes
VPN support	IPSec

Wireless LAN features

Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
WLAN data transfer rate (max)	2400 Mbit/s
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
WLAN data transfer rate (first band)	1800 Mbit/s
WLAN data transfer rate (second band)	600 Mbit/s

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.