

FRITZ!Box 7590 AX

Internet



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.



High-speed thanks to VDSL supervectoring

With the FRITZ!Box you are well prepared for future developments: Thanks to VDSL 35b supervectoring you can achieve speeds of up to 300 Mbit/s and more on conventional lines. Enjoy high-speed Internet without any additional hardware.



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



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

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.

Internet access are, of course, included free of charge.



Encrypted communication via VPN

Thanks to the recognized industry standard IPsec, you can establish a virtual private network to connect with your FRITZ!Box or company network. The settings can be configured on your FRITZ!Box and 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.

Wi-Fi



Mesh Wi-Fi with FRITZ!



Wi-Fi 6

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!.

The new 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.



Smart Wi-Fi

With multi-user MIMO, FRITZ!Box distributes data to all your devices in the home network at the same time - flexibly and according to your needs. While single-user MIMO only transmits data in sequences, with the new technology you can make full use of your Wi-Fi capacity and enjoy faster data transmissions.



Band steering: smart band



Optimum connectivity at all

selection

Many wireless devices, such as smartphones, already use two Wi-Fi bands as a back-up. Band steering automatically switches from the 2.4 GHz to the 5 GHz Wi-Fi band and vice versa, whichever is less busy. This results in significantly higher data transmission rates.

times

The wireless monitor analyzes wireless networks within range and displays them in a user-friendly chart. So, if necessary, you can switch to available channels and quickly find the best wireless settings.



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.

Telephony



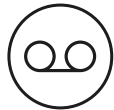
Complete connectivity



Cordless freedom with DECT

A range of different telephones can be operated on the FRITZ!Box. It offers connections for analog and IP telephones as well as fax machines. All connected devices can be managed in convenient, user-friendly menus.

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



Making perfect HD telephone

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.

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.

FRITZ!OS



fritz.box – everything made easy

FRITZ!OS is the FRITZ!Box operating system and can be easily controlled via your browser. User-friendly menus, easy-to-understand wizards, and the optional advanced mode come in handy in all scenarios.



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



FRITZ!Apps 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.



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. FRITZ! DECT 500 provides dimmable and color lighting, while the FRITZ!DECT 440 four-way smart switch is the ideal remote control.

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.



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.