



FRITZ!Box 5530 Fiber

Fiber Optic Power with Fast Wi-Fi 6

The FRITZ!Box 5530 Fiber offers the full range of FRITZ!Box features and functions directly on the fiber optic connection. The FRITZ!Box 5530 Fiber is delivered with the suitable fiber optic module (FRITZ!SFP AON with LC/APC-bus) for point-to-point gigabit fiber optic connections. Equipped with the new Wi-Fi 6 standard, the FRITZ!Box 5530 Fiber can safely distribute gigabit speeds wirelessly throughout the home. A 2.5-gigabit LAN port tops off the high-speed equipment.

Innovative Wi-Fi 6 (Wireless AX) for a Home Network with Many Wireless Terminal Devices

The new Wi-Fi 6 standard meets the needs of networks with an ever increasing number of wireless devices. Smartphones, tablets, PCs, 4K TVs, speakers and smart lights: more and more devices are being used simultaneously on your Wi-Fi at home. Wi-Fi 6 provides for a fast, stable data stream by reducing latencies. A total bandwidth of 2400 MBit/s in the 5-GHz band and 600 MBit/s in the 2.4-GHz band are provided for multiple parallel applications. Despite the high data throughput rates, Wi-Fi 6 also provides for longer battery life on the mobile devices in the home network.

A Strong Hub in the Mesh Wi-Fi

As a Mesh Wi-Fi hub, the FRITZ!Box 5530 Fiber is prepared for the highest demands in the home network. In the Mesh Wi-Fi, multiple distributed wireless hubs (for instance, the FRITZ!Box and several FRITZ! Mesh Repeaters) are combined into a single intelligent Wi-Fi network. The FRITZ!Box 5530 Fiber is always the hub of the FRITZ! Mesh, actively controlling all of the access points so that wireless devices used in the home network are always registered with the access point that offers the best connection (Mesh Wi-Fi steering).

Telephony Options for Everyone

The integrated VoIP telephone system has a jack for an analog telephone as well as a DECT base station for up to six cordless telephones (for instance, all FRITZ!Fon models). Over Wi-Fi, even IP telephones and smartphones are transformed into full-service telephones on your connection. With an integrated answering machine (which works even without a USB port), a local telephone book and online contacts, along with a multitude of convenience functions, even the most professional telecommunications needs are fulfilled. Smart Home devices can be integrated via the DECT base station, including the new four-way FRITZ!DECT 440 switch and the new FRITZ!DECT 500 LED light.

FRITZ!Box 5530 Fiber at a Glance

Internet Connection

- * Router including fiber optic module for point-to-point connections (FRITZ!SFP AON with LC/APC-bus)
- * Can be deployed directly on the fiber optic connection.
- * Secure internet use through the preconfigured firewall
- * Secure remote access to the home or company network via VPN

Wi-Fi

- * More performance, flexibility and the robust connections thanks to the latest Wi-Fi 6
- * Wi-Fi with up to 3 Gbit/s: 5 GHz 2400 Mbit/s (HE160) and 2.4 GHz 600 Mbit/s (QAM-1024)
- * Thanks to the expanded multi-antenna technology (MU-MIMO), an optimum connection to several wireless devices used concurrently.
- * Secure Wi-Fi encryption in accordance with the WPA3 standard, individual password enabled upon delivery
- * Secure integration of guests through OWE-encrypted Wi-Fi guest network
- * Simple, secure registration of new wireless devices in the home network at the push of a button (WPS)

Telephony

- * VoIP telephone system with versatile convenience functions for all telephones (analog, DECT and IP telephones)
- * DECT base station for up to six cordless telephones (e.g., all FRITZ!Fon models) and Smart Home applications
- * Up to five integrated answering machines with remote inquiry and optional email forwarding
- * Management of telephone books, even online contacts (like Google) can be integrated, e.g. Google and Apple
- * Fax reception and dispatch
- * DECT radio switched off for standby operation (DECT Eco)

FRITZ!OS

- * Simple, multi-language user interface for all settings
- * With MyFRITZ!, secure access to your own FRITZ!Box from anywhere in the world
- * Parental controls with versatile filters, for instance time limits for internet access, blocks for websites and much more
- * FRITZ!Apps for telephony, Wi-Fi and Smart Home expand the range of FRITZ!Box functions and convenience
- * Convenient and secure allocation of the Wi-Fi/LAN guest access
- * New functions constantly added with regular, free updates, always up to date with the auto update function
- * Scheduled switching off of the Wi-Fi network for reduced energy consumption and less radio pollution

Interfaces

- * One 2.5-gigabit LAN port (IEEE 802.3bz standard, NBASE-T)
- * Two gigabit LAN ports for computers, televisions and other network devices
- * Jack for analog telephones

Package Contents

- * FRITZ!Box 5530 Fiber
- * FRITZ!SFP AON (preassembled)
- * 1.5-meter LAN cable
- * Power adapter
- * Quick guide in DE, FR, IT, EN, NL, ES

Product Information

AVM part number:	20002937
EAN:	4023125029370
Weight of FRITZ!Box:	363 g
Dimensions (W x L x H):	208 x 150 x 37 mm
Total product weight:	690 g
Dimensions of box (W x L x H):	260 x 183 x 68 mm
Manufacturer's warranty:	5 years