



Box FRITZ! 6860 5G Cellular network router



Model: 20003048

Manufacturer: FRITZ!

EAN: 4023125030482

Product Code: 841642

R10,602

FRITZ!Box 6860 5G - for high-speed internet via 5G mobile networks

High-speed internet via 5G, all FRITZ! features in a compact housing: The FRITZ!Box 6860 5G is suitable for outdoors and can be installed indoors or in protected outdoor areas – for example on a window – for top mobile reception. Get the most out of the integrated DECT base station: pair up to six cordless phones or make phone calls via with VoLTE/VoNR with the SIM card number.

High speeds with 5G

The FRITZ! Box 6860 5G supplies your home network with high-speed internet based on the latest 5G mobile network standard with up to 1.3 Gbit/s in downstream. Fast downloads and lag-free streaming are now possible wirelessly. Use your FRITZ!Box 6860 5G as a gateway to the internet at

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multiple locations, for example at home, in the office or in your holiday home.

The FRITZ!Box 6860 5G is future-proofed for all mobile networks. In addition to 5G and 4G (LTE Advanced Pro), it also supports 3G.

Even more Wi-Fi with Mesh

Mesh Wi-Fi is a smart, easy-to-expand Wi-Fi system consisting of a FRITZ!Box and a FRITZ!Repeater or a FRITZ!Powerline with Wi-Fi. It ensures fast, reliable connections in every room. Additional Mesh Wi-Fi devices can be added at the touch of a button.

Mount on a window for top mobile reception

The splash and dust proof housing is IP54-certified and allows the FRITZ!Box 6860 5G to be set up or installed near a window or in a protected outdoor area. A wizard in the FRITZ!Box user interface guides you through the alignment process for the best mobile reception. Power is supplied flexibly via Power-over-Ethernet (PoE+); with a suitable power adapter included in the box.

When installed outdoors, the FRITZ!Box 6860 5G can be combined with a FRITZ!Repeater or another FRITZ!Box (e.g. FRITZ!Box 4050) using the LAN port on the included PoE power adapter to improve Wi-Fi and DECT coverage indoors.

Make and receive calls

Use the mobile phone number of the SIM card to make and receive calls to the phones connected to the FRITZ!Box. The built-in telephone system with a DECT base station supports up to six cordless telephones. Convenience features such as contact sync and HD telephony for crystal-clear voice transmission ensure maximum telephony fun.

The FRITZ!Box is packed with smart home features for energy, heating, and lighting. Practical automations with scene and routines ensure convenience in your FRITZ! Smart Home.

FRITZ!Box, for safety's sake

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The security concept covers all FRITZ!Box areas: secure browsing thanks to the built-in firewall, Wi-Fi protected with an individual network key upon delivery, and guest access that lets friends and family access the internet but not your home network – these and many other features help secure your communications.

FRITZ!OS: The genius behind FRITZ!

FRITZ!OS is the smart operating system for all FRITZ! products. It combines ease-of-use with versatile features and comprehensive security. A clear user interface and wizards accompany you every step of the way. Regular updates keep your FRITZ!Box up to date – you can also turn on automatic updates.