Wi-Fi 7 Zigbee 1 x telephone 1 x 2,5 gigabit LAN 4 x gigabit LAN Cable DECT 1 x USB

Technical specifications

Interfaces

1 x cable port (DOCSIS 3.1, backward compatible with EuroDOCSIS 3.0)

Wi-Fi 7, compatible with the 802.11a/g/n/ac/ax/be wireless standards

1 x 2.5 gigabit LAN port

4 x 1 gigabit LAN port

1 x USB 2.0 port for printers and storage media

1 a/b port (TAE/RJ11) for an analog telephone, fax or answering machine

Integrated DECT base station for up to six cordless phones and for Smart Home devices (DECT ULE)

Integrated Smart Home gateway for integrating LED lights and other devices via Zigbee 3.0

Cable / network

Wireless router with integrated cable modem up to 6 Gbit/s, compliant with the latest DOCSIS 3.1 transmission standard (backward compatible with EuroDOCSIS/DOCSIS 3.0)

High-performance wireless router with firewall/NAT, DHCP server, DynDNS client, UPnP

Supports IPv6

MyFRITZ! – access your FRITZ!Box securely, no matter where you are

Comprehensive parental controls with time budget, youth protection module, filter lists

Full-band capture tuner

Stateful Packet Inspection Firewall with port sharing

Secure remote access, LAN-to-LAN linkup and dial-in to the company network with VPN (WireGuard and IPSec)

Security wizard with diagnostic tool

Joint use of existing internet connection via LAN or Wi-Fi

Wake on LAN via the internet

Wi-Fi

Wi-Fi 7 up to 2880 Mbit/s (gross, 5 GHz) and 720 Mbit/s (gross, 2.4 GHz)

Mesh Wi-Fi – simply combine several FRITZ! products into one intelligent system and extend the home network

Compatible with the 802.11a/g/n/ac/ax/be wireless standards

AVM Stick & Surf: Browse the internet securely and without any cables

Wi-Fi Protected Setup (WPS)

Wi-Fi guest access – secure surfing for friends and visitors

Wi-Fi auto channel: Automated search for

2 x 2 MIMO

Dual-band Wi-Fi for simultaneous operation in the 2.4 and 5 GHz bands

Secure Wi-Fi network encryption upon delivery with WPA3/WPA2

an interference-free Wi-Fi channel

Wi-Fi eco mode for optimum performance at minimum power consumption

Smart Home / Media

Smart Home features for energy, heating, lighting and more

Supports up to 50 Smart Home devices (DECT ULE)

Integrates up to 40 LED lights and other devices from third-party manufacturers that support the Zigbee standard (Zigbee compatibility list)

Control your FRITZ! Smart Home via the FRITZ!Box interface, FRITZ!Fon, FRITZ!DECT smart switch or FRITZ!App Smart Home

Streams four free-to-air digital TV channels simultaneously from the cable connection to your PC, smartphone, tablet or FRITZ!App TV

FRITZ!NAS: memory shared by all data in the home network

Simply and securely share files with friends and family

Media server - store and share your music, photos and videos (DLNA/UPnP AV)

Also supports online storage, web radio and podcasts

Ideal for Internet TV, video and music streaming

Telephony

Telephone system for the cable connection

Voice transmission encrypted upon delivery

Port for an analog phone, answering machine or fax

Supports HD telephony for natural and clear sound

DECT Eco: Frequency channel switches off for maximum ergonomics

Five integrated answering machines including email forwarding (voice-to-mail)

Manage telephone contacts locally or online (Google, Apple etc.)

Fax function including email forwarding (fax-to-mail)

Call diversion, internal calls (intercom), three-way conferencing, call transfer

Call blocking, alarm, baby monitor, VIP calls and Do not Disturb

Internet telephony SIP-compliant in accordance with RFC 3261

Register IP telephones (LAN/Wi-Fi) SIP-compliant

FRITZ!App Fon for landline calls via your smartphone

FRITZ!OS

"fritz.box": Clear, easy-to-use browser-based user interface

User interface optimized for smartphones and tablets (responsive design)

Handy FRITZ!Apps for your smartphone: MyFRITZ!App for FRITZ! convenience on the go,

Help function with full-text search

Push service by email for information about events in the home network

Security wizard with diagnostic tool

Free updates for new features and security, auto-updates if desired

and FRITZ!App WLAN,
the clever Wi-Fi helper

Package contents

FRITZ!Box 6670 Cable

Power adapter with 1.5 m long cable

1.5 meter-long coaxial cable

1.5 meter-long LAN cable

Installation guide

Device properties

Dimensions (w x h x d) approx. 254 x 191 x 63 mm

Medium power consumption: 10 – 11 W