Technical specifications

Interfaces

VDSL or ADSL line

IP-based telephony

1 x gigabit LAN port

Wireless access point
compliant with
IEEE 802.11g, n, ax

1 x high-speed USB
port for storage
devices and printers

DECT base station for
up to six handsets

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

Internet

Wireless router with
built-in modem for DSL
connections

NAT, DHCP server,
DynDNS client, UPnP
AV

Supports DSL and VDSL connections up to 300 Mbit/s (including supervectoring)

Compatible with Deutsche Telekom Annex-J lines

Supports VDSL Long Reach

Stateful Packet Inspection Firewall with port sharing for secure surfing

Supports IPv6 for internet, home network and telephony

Secure remote access via the internet with VPN (IPSec)

Parental controls with time budget, youth protection module

Wi-Fi

Wi-Fi 6 up to 600 Mbit/s gross (2.4 GHz)

Compatible with Wireless 802.11g, n and ax

Supports Mesh Wi-Fi – simply combine additional wireless access points into one intelligent system (FRITZ!OS 6.90 or later)

Secure upon delivery with WPA2 encryption, WPA3/2 transition mode is also available

AVM Stick & Surf: automatic security for cable-free surfing

WLAN button (switch Wi-Fi on/off manually)

Wi-Fi Protected Setup (WPS)

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

Wi-Fi auto channel: Automated search for Wi-Fi channel free of interference

Wi-Fi Eco for optimum performance at minimum power consumption

Telephone system for

Call lists, number

Telephony

IP-based connections

Integrated DECT base station for up to six cordless phones

Voice transmission encrypted upon delivery

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

Supports HD telephony for natural and clear sound

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

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

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

blocking, quick-dial numbers, extensions

Dialing rules for tailoring use of specific numbers

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

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

Home network convenience

Media server makes music, pictures and movies available to devices in the home network (DLNA/UPnP AV)

Secure access to your FRITZ!Box from anywhere with MyFRITZ!

Guest access: share existing internet connection via Wi-Fi

Wake on LAN via the internet

Supports DLNA-compliant devices

Also supports online storage, web radio and

FRITZ!NAS – simple, browser-based access to all files in the network, wherever they are stored

Networked applications such as Internet TV, video on demand and streaming

Parental controls, push service, cloud contacts, online storage

podcasts

Simply and securely share files with friends and family

FRITZ!OS

"fritz.box": multi-language user interface, for intuitive operation via Web browser

User interface optimized for smartphones and tablets (responsive design)

Free updates for new functions and security

Advanced view for special configuration options, help function with full-text search

Handy FRITZ!Apps for your smartphone: MyFRITZ!App for FRITZ! convenience on the go, the clever Wi-Fi helper FRITZ!App WLAN and FRITZ!App Smart Home for intuitive control of

Smart Home features integrated in the user interface

Smart Home support for DECT ULE/HAN FUN devices

Smart Home devices can be switched manually and automatically both in the home network and from the Internet

your FRITZ! Smart Home

Package Contents

FRITZ!Box 7510

Power adapter

4-meter long DSL connecting cable

1.5 meter-long LAN cable

Quick guide

Device properties

Dimensions (W x H x D): 208 x 150 x 37 mm

Mount on wall or place on any surface e.g. a table or shelf

Average power consumption: 6 watts

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