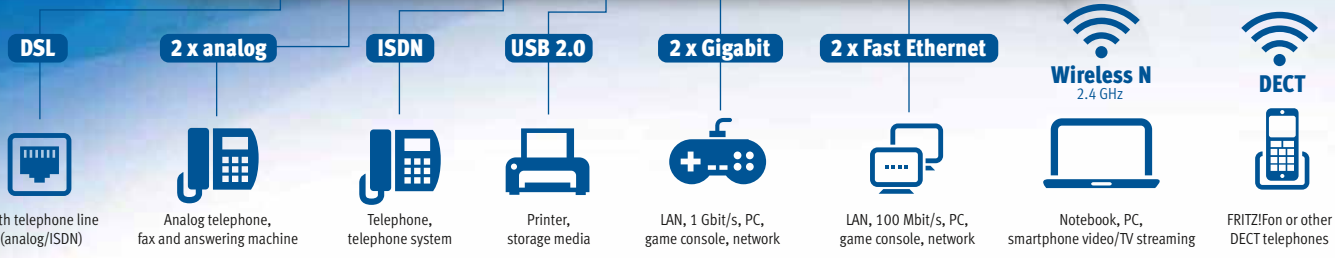# FRITZ!Box 7272

Variety for Your Home Network

As simply and conveniently as any FRITZ! product, the FRITZ!Box 7272 securely connects computers, smartphones, tablets and other network devices with each other in a home network and with the Internet.

The latest wireless technology provides for even more range and significantly higher speeds of up to 450 Mbit/s. A powerful processor and the latest board design serve as the basis for implementation on practically any DSL line, and provide a platform for networked applications like IPTV, video on demand and media streaming. The complete communications hub offers fast Wireless N, gigabit Ethernet, a USB port, a telephone system including a DECT base station and answering machines, and a media server.

FRITZ!OS rounds out the package with a slew of functions for the Internet and networking. Among these are MyFRITZ!, VPN, wireless night service, child protection features, a firewall and much more. Through the media server, stored videos, music and pictures can be accessed throughout the entire network even when the computer is switched off.

Highlights at a Glance

- Integrated ADSL/ADSL2+ modem
- For all DSL lines up to 24 Mbit/s
- Wireless N with up to 450 Mbit/s in the 2.4 GHz band
- Telephone system for ISDN, analog, IP and analog incl. answering machine and fax function
- DECT base station for up to 6 cordless telephones
- 2 x gigabit LAN and 2 x Fast Ethernet port for PC, game consoles and more
- 1 x USB 2.0 port for printers and storage media (NAS)
- Media server for music, pictures, and video in the home network
- FRITZ!OS with MyFRITZ!, wireless guest access, cloud contacts and more
- Simple configuration over the browser interface

DSL	2 x analog	ISDN	USB 2.0	2 x Gigabit	2 x Fast Ethernet	Wireless N 2.4 GHz	DECT
With telephone line (analog/ISDN)	Analog telephone, fax and answering machine	Telephone, telephone system	Printer, storage media	LAN, 1 Gbit/s, PC, game console, network	LAN, 100 Mbit/s, PC, game console, network	Notebook, PC, smartphone video/TV streaming	FRITZ!Fon or other DECT telephones

Technical Features

Router functions
- Wireless router with firewall/NAT, DHCP server, DynDNS client, UPnP
- DSL modem for ADSL (8 Mbit/s), ADSL2+ (24 Mbit/s)
- Router operation even with cable or glass fiber modem or UMTS stick (UMTS/HSPA)
- Complete support for IPv6 in the home network and Internet
- Setup in web browser, independent of operating system, allows use with Windows, Mac OS, Linux and other computers
- Stateful Packet Inspection firewall with port forwarding for secure surfing
- Secure remote access over the Internet with VPN (IPSec)

Telephony functions
- Telephone systems with DECT base station for up to 6 cordless telephones
- Voice transmission encrypted upon delivery for even more security
- ISDN S_0 bus for connecting ISDN telephones/ISDN telephone system
- 2 a/b ports for connecting analog telephones, answering machines and fax
- Supports HD telephony for natural sound
- DECT Eco for optimum performance at minimum power consumption
- 5 integrated answering machines featuring voice-to-mail
- Fax reception with e-mail forwarding (fax-to-mail)
- Comprehensive telecommunications functions like call diversion, internal calls, three-party conferences, call transfer, call blocking, alarm, baby monitoring, VIP calls, and Do Not Disturb
- Internet telephony SIP-compliant in accordance with RFC 3261
- Registration of IP telephones (LAN/WLAN) SIP-compliant
- Telephony app (WLAN) for Apple iPhone with iOS 4 or higher, Google Android 2.1 or higher

Wireless functions
- Wireless radio networks according to 802.11n (up to 450 Mbit/s* in the 2.4 GHz band), downward compatible to WLAN 802.11g and b
- Secure ex works with WPA2 encryption
- AVM Stick & Surf: automatic security for wireless surfing
- Wireless pushbutton (to switch WLAN on/off manually)
- Wi-Fi Protected Setup (WPS)
- Wireless guest access – secure surfing for friends and visitors
- Integrates iPhone and Android smartphones wirelessly in the home network and allows for fixed-line and Internet telephony
- Wireless radio range extended through repeater function
- "WLAN Eco" for optimum performance at minimum power consumption

Media server / NAS
- FRITZ!NAS – simple, browser-based access to all files in the network, wherever they are stored
- High-speed USB 2.0 port for printers and storage media in the network
- Media server makes music, pictures and videos in the network available to playback devices (SMB, FTP, UPnP AV)
- Supports devices compliant with DLNA
- Powerful processor for networked applications like IPTV, video on demand and media streaming
- Secure remote access over the Internet to data released for sharing

FRITZ!OS

- fritz.box: clearly laid out user interface – for intuitive operation via web browser
- Using MyFRITZ! you can access your own FRITZ!Box securely from anywhere
- Sharing of existing Internet connection over LAN or wirelessly (guest access)
- Wake on LAN over the Internet
- Calls with iPhones and Android smartphones conducted over your wireless LAN
- Optimized FRITZ!Box interface for smartphones and tablets
- Overview in home network, expert mode, help functions with full-text search and much more
- New functions provided in free updates: avm.de/en/fritzos

Smart Home Recommendation
FRITZ!DECT 200 smart plug: manual/automatic switching via home network or Internet, ideal to measure power consumption of connected devices

Ports and Interfaces

- ADSL/ADSL2+ in accordance with ITU G.992.3 Annex A, B, J or M
- 2 x gigabit Ethernet (10/100/1000 Base-T) and 2 x Fast Ethernet (10/100 Base-T) for PC, game console, network, IP telephone
- Wireless N access point (IEEE 802.11n, g, or b) for PC, notebook, tablet, smartphone
- USB 2.0 for printer, storage, UMTS stick, Stick & Surf
- DECT base station
- ISDN S_0 bus (RJ45) for ISDN telephones or ISDN telephone system
- 2 x a/b port (RJ11) for analog telephones, answering machines and fax

Physical Specifications

- Dimensions (w x h x d) approx. 210 x 155 x 25 mm
- Suitable for tabletop or wall-mounted operation
- Average power consumption: 8-11 watts

Support

AVM's service includes comprehensive service portals, regular free updates and e-mail support.

Highly Recommended

The IT press has repeatedly commended FRITZ! products for their user-friendliness and high security standards.

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AVM

English