

# FRITZ!Box 7490



## Complete High-Speed Networking in the Home

With the latest Wireless AC, the FRITZ!Box 7490 achieves spectacular gigabit speeds of up to 1300 Mbit/s in the wireless home network. Three independent data streams (3 x 3 MIMO) provide excellent accessibility and high throughput over greater distances. FRITZ!Box 7490 comes with the latest hardware architecture, featuring technological highlights such as vectoring and high-performance routing for an even faster Internet connection. Gigabit LAN at lightning speed and fast USB 3.0/2.0 round out the high-speed network.

With the integrated telephone system including a DECT base station, plus an answering machine and fax function, every communication wish is fulfilled. The powerful media server streams images, videos and music throughout the entire home network, no matter whether the data are stored locally or in the cloud.

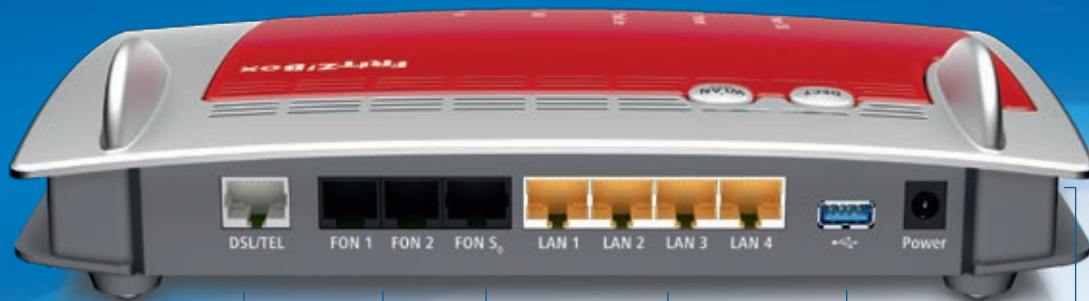
Equipped with all of the comprehensive FRITZ!OS features, the FRITZ!Box 7490 is the perfect hub for Smart Home applications.

The FRITZ!Box Family: Highly Recommended



## Highlights at a Glance

- VDSL and ADSL2+ router with support for vectoring
- Dual Wireless AC + N with 1300 (5 GHz) + 450 Mbit/s (2.4 GHz) simultaneously
- Telephone system for ISDN, IP and analog including answering machine and fax function
- DECT base station for up to 6 cordless telephones
- 4 x gigabit LAN for PC, game consoles, and more
- 2 x USB 3.0/2.0 port for printers and storage media (NAS)
- Media server for music, pictures, and video in the home network
- NAS functionality (FTP, SMB, UPnP AV)
- FRITZ!OS with MyFRITZ!, FRITZ!App, Smart Home functions, cloud contacts and more
- High-performance routing even for operation with cable or glass fiber modems
- Simple configuration over the browser interface



**Wireless AC+N**  
2.4 GHz and 5 GHz



notebook, smartphone,  
video/TV streaming

**ADSL/VDSL**



DSL and telephone line  
(analog/ISDN)

**2 x Analog**



analog telephone,  
answering machine, fax

**ISDN**



telephone,  
telephone system

**4 x Gigabit**



LAN, 1 Gbit/s, PCs,  
game console, network

**2 x USB 3.0/2.0**



printer, storage media,  
UMTS/HSPA modem and USB devices



**DECT**



Fritz!Fon or  
other DECT telephones

## Technical Features

### Router Functions

- DSL router with firewall/NAT, DHCP server, DynDNS client, UPnP AV
- Suitable for ADSL (8 Mbit/s), ADSL2+ (24 Mbit/s) and VDSL (100 Mbit/s)
- Router operation even at a cable modem, glass fiber connection or with a 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 greater security
- ISDN S<sub>0</sub> bus for connecting ISDN telephones/ISDN telephone system
- 2 a/b ports for analog telephones, answering machines and fax
- Supports HD telephony for natural sound
- DECT Eco: Radio network switches off ergonomically
- 5 integrated answering machines featuring voice-to-mail
- Fax function with e-mail forwarding (fax-to-mail)
- Comprehensive 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/wireless LAN) SIP-compliant
- Telephony app (WiFi) for Apple iPhone with iOS 4 or higher, Google Android 2.1 or higher

### Wireless LAN Functions

- Wireless radio networks according to 802.11ac (up to 1300 Mbit/s\*, 5 GHz band), and 802.11n (up to 450 Mbit/s\*, 2.4 GHz), downward compatible to wireless standards 802.11g, b and a
- Dual Wireless AC+ N for simultaneous operation in the 2.4 and 5 GHz bands
- Secure ex works with WPA2 encryption
- AVM Stick & Surf: automatic security for wireless surfing
- WLAN pushbutton (to switch wireless LAN on/off manually)
- Wi-Fi Protected Setup (WPS)
- Guest access – secure surfing for friends and visitors
- Integrates iPhone and Android smartphones in the home network and allows for fixed-line and Internet telephony
- Wireless network range extended through repeater function
- WLAN Autochannel: Automated search for wireless LAN radio channel free of interference
- WLAN Eco for optimum performance at minimum power consumption

### Media server/NAS

- Internal storage (NAS)
- Fritz!NAS – simple, browser-based access to all files in the network, wherever they are stored
- High-speed USB 3.0/2.0 ports for printers and storage devices 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! your FRITZ!Box can be accessed securely from anywhere
- Convenient functions like parental controls, push service, cloud contacts, online storage
- Sharing of existing Internet connection over LAN or WLAN (guest access)
- Wake on LAN over the Internet
- WiFi telephone calls in the home network with iPhones and Android smartphones
- FRITZ!Box interface specially designed for smartphones and tablets
- Overview in home network, advanced view, help functions with full-text search and much more
- New functions provided in free updates: [avm.de/en/fritzos](http://avm.de/en/fritzos)

### Smart Home Features

- Integration of the FRITZ!DECT 200 smart plug:
- Manual/automatic switching, from the home network or over the Internet
- Measures power consumption of connected electrical devices

## Ports and Interfaces

- ADSL/ADSL2+ in accordance with ITU G.992.3 Annex A, B, J or M; VDSL in compliance with ITU G.993.2
- 4 x gigabit Ethernet (10/100/1000 Base T) for PC, game console, network, IP telephone
- Wireless access point (IEEE 802.11ac, n, g, b or a) for PC, notebook, tablet, smartphone
- 2 x USB 3.0/2.0 for printer, storage, UMTS stick, Stick & Surf
- DECT base station for up to 6 handsets
- ISDN S<sub>0</sub> bus (RJ45) for ISDN telephones or ISDN telephone system
- 2 x a/b port (RJ11) for analog telephones, answering machines and fax

## Device Properties

- Dimensions (W x H x T): 245 x 175 x 55 mm
- Suitable for tabletop or wall-mounted operation
- Average power consumption: 9.3 W

## Service

AVM's service includes comprehensive service portals on the products, regular free updates, and award-winning support from our telephone hotline or by e-mail.

\* Gross value. The user data rate that can actually be achieved is somewhat below the specified values.

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Illustrations may not be identical to the products. Subject to technical modifications and errors.

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