



## FRITZ!Box Fon WLAN 7390

Better performance for Internet, telephone and digital media

FRITZ!Box Fon WLAN 7390 connects all your computers to the Internet at lightning speed using VDSL2 (up to 100 Mbit/s) or ADSL2+/ADSL (up to 16 Mbit/s). The new WLAN standard 802.11n (WLAN N) ensures maximum speed and coverage for wireless surfing. And the integrated DECT base station and HD telephony mean that making telephone calls via the Internet is simplicity itself.

FRITZ!Box Fon WLAN 7390 offers a brand new range of applications for your DSL connection. The new WLAN-N wireless standard together with MIMO multiple antenna technology optimizes data transmission with simultaneous 2.4 and 5 GHz dual-band.

As well as connections for analog and ISDN telephones, an integrated DECT base station for up to 6 cordless telephones is also available for Internet and fixed-line network telephony.

The powerful processor means that FRITZ!Box Fon WLAN 7390 provides the ideal platform for networked applications such as IPTV, video on demand and media streaming.

The FRITZ!Box Fon WLAN 7390's two high-speed USB 2.0 ports with advanced NAS functionality, media server and online storage integration enable new applications to be added to the network. This means that content such as films, music and images are available across the entire network, even when the computer is switched off, and can be played back on UPnP AV-compatible equipment (e.g. HD televisions or stereo systems).

The FRITZ!Box Fon WLAN 7390 features an extensive range of software. This includes, for example, a telephone book, firewall, parental control, fax reception, VPN, WLAN night service, WLAN auto-channel and an integrated answering machine

### Highlights at a glance:

- Fast Internet access via integrated VDSL2-/ADSL2+ modem (up to 100 Mbit/s)
- WLAN N router for up to 300 Mbit/s, supports the common standards 802.11n/g/b/a
- Dual WLAN N for simultaneous use of 2.4 GHz and 5 GHz
- DECT base station for connecting up to 6 cordless telephones
- Connections for analog and ISDN devices like telephones and fax machines
- Supports HD telephony with VoIP
- Fax functionality including e-mail transmission
- Media server for music, images and videos across the network
- 512 MB integrated network storage with NAS functionality
- 2 high-speed USB 2.0 ports for printer and network storage
- Pre-configured for security with WLAN and DECT encryption, including firewall
- Range of additional functions like UMTS support, Stick & Surf, Eco Mode, VPN and various convenience functions

The FRITZ!Box Fon WLAN 7390 has won numerous awards:



[www.fritzbox.eu](http://www.fritzbox.eu)





#### ADSL/VDSL



with telephone connection  
(analog/ISDN)

#### 2 analog telephones



analog telephone,  
fax

#### ISDN telephone



telephone,  
PBX

#### USB 2.0



printer,  
storage media

#### 4 LANs (Gbit)



PCs, game consoles,  
network

#### WLAN 2,4 GHz/5 GHz



notebook, smartphone,  
video/TV streaming

#### DECT



FRITZ!Fon or  
other DECT telephones

#### USB 2.0



UMTS/HSPA modem  
and USB devices

## Technical features

### Router function

- High-performance WLAN router with firewall/NAT, DHCP server, DynDNS server, client, UPnP
- Integrated ADSL modem for VDSL2 (up to 100 Mbit/s) and ADSL2+/ADSL (up to 16 Mbit/s, compatible with 1TR112/U-R2)
- Compatible with cable modem and USB modem with wireless Internet access (UMTS/HSPA)
- IPv6 support
- ISDN S<sub>0</sub> bus for connecting ISDN telephones or an ISDN telephone system
- 2 a/b ports for connecting analog telephones, answering machines and fax machines
- Integrated DECT base station (CAT-iq and GAP)
- Internet telephony, even when your PC is switched off
- Bandwidth management - optimum quality telephoning and surfing via ADSL
- Extensive PBX functionality, such as call diversion, internal calls, three-way conferences, switching, number blocking, wake-up call, VIP calls, ring blocking and caller number forwarding with Internet and ISDN telephony
- Up to 5 internal answering machines, fax reception
- Internet telephony SIP-compliant with RFC 3261

### WLAN functionality

- WLAN wireless networks compliant with 802.11n (up to 300 Mbit/s\*)
- Downward compatible with 802.11g/b/a
- Dual-band WLAN with simultaneous 2.4 and 5 GHz
- Pre-configured individual WLAN encryption
- WLAN push-button (switch WLAN on/off manually)
- Wi-Fi Protected Setup (WPS) for really simple and secure WLAN connections at the press of a button or with a PIN
- Support for Wireless Distributed System (WDS) to enhance wireless coverage
- Supported encryption standards WPA2, WPA, WEP-128 and WEP-64
- Isolated WLAN access at home for guests

### Security

- Stateful Packet Inspection Firewall with port activation for secure Internet surfing
- AVM Stick & Surf: automatically secure and wireless surfing
- DECT: secure straight out of the box thanks to encrypted speech transmission
- Secure remote access to FRITZ!Box network with VPN (IPSec)

### Media functions

- Integrated network storage (512 MB) with NAS functionality (SMB, FTP, FTPS, UPnP-AV)
- High-performance processor: networked applications, such as IPTV, video on demand and music streaming
- Really easy access to files via <http://fritz.nas>

### Connection options

- Connect to ADSL+ ISDN or ADSL + analog fixed-line network
- 4 gigabit Ethernet connection (10/100/1000 Base-T) for computers, games consoles or network hub or switch
- 2 connections for analog telephone, fax and answering machine
- ISDN S<sub>0</sub> NT for up to 8 ISDN terminals
- Integrated DECT base station for up to 6 cordless telephones
- 2 USB 2.0 ports for network storage and printer and for Stick & Surf

### WLAN 802.11n

FRITZ!Box Fon WLAN 7390 enables WLAN connections compliant with the wireless standard 802.11n in 2.4 GHz and the particularly reliable 5 GHz band at the same time. MIMO (Multiple Input Multiple Output) multiple antenna technology increases WLAN coverage, quality and data transfer rates. The FRITZ!Box Fon WLAN 7390 has pre-configured individual WPA/WPA2 encryption, making it secure straight out of the box.

### DECT base station

The integrated DECT base station enables you to make cordless telephone calls with up to six mobile components. The FRITZ!Fon MT-D and MT-F cordless telephones available from AVM are the ideal enhancement to the FRITZ!Box Fon WLAN 7390, as they offer users a vast range of convenience functions as well as clear HD telephony.

### Answering machines and fax receipt

Depending on individual requirements, up to five answering machines can be set up, to which different numbers can be assigned. The fax device incorporated within the FRITZ!Box receives faxes, sends them to a connected USB storage device and, if required, also forwards them by e-mail. The FRITZ!Box interface makes set-up and maintenance as easy as 1,2,3.

### Save energy with FRITZ!

With its Eco mode, the FRITZ!Box Fon WLAN 7390 automatically adjusts power output to data traffic, thus ensuring optimal power consumption. Processor output is minimized in standby mode and interfaces that are not being used are switched off. The WLAN night service enables wireless continuity to be set as required or changed at the flick of a switch.

### More options with USB 2.0

Two high-speed USB 2.0 ports bring new applications to the network. Images, music and videos from storage media connected to the FRITZ!Box can be played back on UPnP-AV-compatible receivers (HD televisions, stereo systems). A USB printer can also be made available for the whole network.

Whether internal, online or USB storage, the integrated FRITZ!NAS website (<http://fritz.nas>) provides an easy and convenient option for central access to all databases on the FRITZ!Box. Also, if necessary, via the Internet.

## System requirements

- For ADSL: ADSL or VDSL connection as per 1TR112/U-R2
- For LAN connection (standard Ethernet, 10/100 Base-T): PC, notebook, Apple Macintosh, games console or other network-enabled devices
- For WLAN connection: WLAN client as per IEEE 802.11n, 802.11g, b or a
- For FRITZ!DSL software package: Windows 7/Vista/XP

## Award-winning:

FRITZ! products have received over 400 awards and numerous recommendations from the IT press commending their user-friendliness, their wide range of applications as well as the high security standards they fulfill.

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