FRITZ!Box 7390

Better performance for Internet, telephone and digital media

FRITZ!Box 7390 connects all your computers to the Internet at lightning speed using VDSL (up to 100 Mbit/s) or ADSL2+/ADSL (up to 24 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 7390 offers a brand new range of applications for your ADSL 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 7390 provides the ideal platform for networked applications such as IPTV, video on demand and media streaming.

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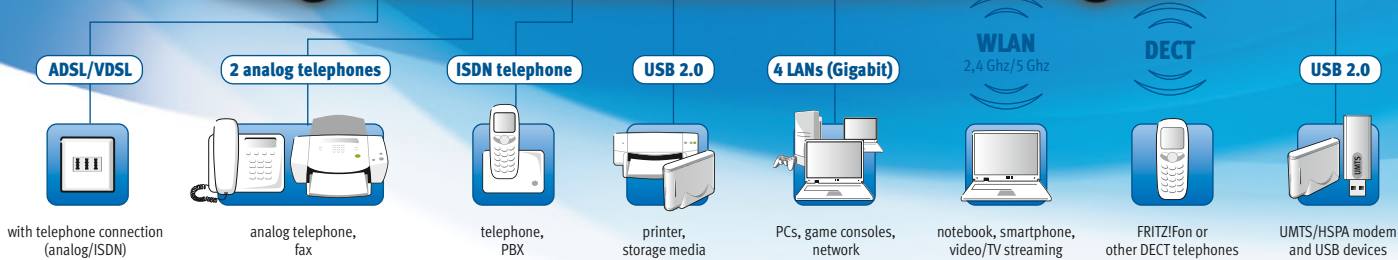
Highlights at a glance

- Fast Internet access via integrated VDSL-/ ADSL2+ modem (up to 100 Mbit/s)
- WLAN N router for up to 300 Mbit/s*
- Router operation at cable modem or with UMTS stick
- Dual WLAN N for simultaneous use of 2.4 GHz and 5 GHz
- Telephone system for Internet and fixed-line network with Fax-to-Mail
- DECT base station for connecting up to 6 cordless telephones
- 512 MB integrated network storage with NAS functionality
- Media server for music, images and videos across the network
- 2 high-speed USB 2.0 ports for printer and network storage
- WLAN guest access – secure surfing for friends and visitors
- Integrates iPhones and Android smartphones wirelessly in the home network and allows fixed-line and Internet telephony
- Simple setup via browser interface

The FRITZ!Box 7390 has won numerous awards:

Computer Bild 03/2011
„The best WLAN router currently available"

Computer active BUY IT!

PC PRO RECOMMENDED

TESTSIEGER GUT (1,6)
Stiftung Warentest
test
FRITZ!Box 7390
Im Test:
12 WLAN-Router
Ausgabe 03/2012

www.fritzbox.eu

AVM

ADSL/VDSL	2 analog telephones	ISDN telephone	USB 2.0	4 LANs (Gigabit)	WLAN 2,4 Ghz/5 Ghz	DECT	USB 2.0
with telephone connection (analog/ISDN)	analog telephone, fax	telephone, PBX	printer, storage media	PCs, game consoles, network	notebook, smartphone, video/TV streaming	FRITZ!Fon or other DECT telephones	UMTS/HSPA modem and USB devices

Technical features

Router functions
- High-performance WLAN router with firewall/NAT, DHCP server, DynDNS client, UPnP
- Integrated ADSL modem for ADSL (6 Mbit/s), ADSL2+ (24 Mbit/s) and VDSL (100 Mbit/s)
- Router operation, even at cable modem or with UMTS stick (UMTS/HSPA)
- Full support for IPv6 in home network and Internet
- Setup in browser independent of operating system, allows use with Windows, Mac OS and Linux computers
- Stateful Packet Inspection Firewall with port activation for secure Internet surfing
- Secure remote access to FRITZ!Box network with VPN (IPSec)

Telephony functions
- Telephone system for Internet and fixed-line network
- Integrated DECT base station for up to 6 cordless telephones
- ISDN S_0 bus for connecting ISDN telephones or an ISDN telephone system
- 2 a/b ports for connecting analog telephones, answering machines and fax machines
- DECT: secure straight out of the box thanks to encrypted speech transmission
- Internet telephony, even when your PC is switched off
- Supports HD telephony for natural sound
- Bandwidth management – optimum quality telephoning and surfing via ADSL
- Full Eco-Mode DECT reduces field strength and energy consumption
- Up to 5 internal answering machines, voice-to-mail included
- Fax reception includes e-mail forwarding (Fax-to-Mail)
- 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
- Internet telephony SIP-compliant with RFC 3261

WLAN functionality
- WLAN wireless networks compliant with 802.11n (up to 300 Mbit/s* for each frequency band), downward compatible with 802.11g/b/a
- Dual-band WLAN N with simultaneous 2.4 and 5 GHz
- Pre-configured individual WLAN encryption with WPA/WPA2 Mixed Mode, WPA2, WPA, WEP-64 or WEP-128
- AVM Stick & Surf: automatically secure and wireless surfing
- 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
- WLAN guest access – secure surfing for friends and visitors
- Integrates iPhones and Android smartphones wirelessly in the home network and allows for fixed-line and Internet telephony
- Support for Wireless Distributed System (WDS) to extend wireless coverage
- WLAN Eco-Mode reduces field strength

Media functions
- 512 MB integrated network storage with NAS functionality
- Media server distributes music, pictures and films (SMB, FTP, UPnP AV)
- High-performance processor for networked applications, such as IPTV, video on demand and music streaming

Connection options
- Connect to VDSL, ADSL/ADSL2+ (Annex A and Annex B), analog fixed-line network and ISDN
- 4 gigabit Ethernet connection (10/100/1000 Base-T) for computers, games consoles
- 2 connections for analog telephone, fax and answering machine
- ISDN S_0 NT for up to 8 ISDN terminals
- 2 USB 2.0 ports for network storage and printer and for Stick & Surf

Dual WLAN N
FRITZ!Box 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 7390 has preconfigured individual WPA/WPA2 encryption, making it secure straight out of the box.

DECT base station
The integrated DECT base station allows you to make cordless telephone calls with up to six mobile components. The FRITZ!Fon cordless telephone available from AVM is the ideal enhancement to the FRITZ!Box 7390, as it offers users a vast range of convenience functions as well as clear HD telephony

Save energy with FRITZ!
With its Eco mode, the FRITZ!Box 7390 automatically adjusts power output to data traffic, thus ensuring optimal power consumption. Processor output is minimized in standby mode, and idle interfaces 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.

System requirements
- For ADSL: ADSL or VDSL connection as per 1TR112/U-R2
- For LAN connection (standard Ethernet, 10/100 Base-T): PC, notebook, Mac, games console or other network-enabled devices
- For WLAN connection: WLAN client as per IEEE 802.11n, g, b or
- For FRITZ!ADSL software package: Windows 7/Vista/XP
- Device dimensions 226 x 159 x 47 mm, wall or tabletop mounting
- 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.

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

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The radio technology of this device is designed for use in all countries of the EuropeanUnion and in Switzerland, Norway and Iceland. In France only indoor operation is permitted.

HIGH-PERFORMANCE COMMUNICATION BY . . .

AVM

English

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