

## FRITZ!Box Fon WLAN 7270

DECT, ISDN, VoIP and analog telephony, high-speed wireless surfing

The FRITZ!Box Fon WLAN 7270 is much more than a wireless ADSL2+ router: it is a VoIP, ISDN and analog PBX, even serving as a base station for up to 6 cordless telephones in high-definition quality.

Equipped with MIMO technology and 2.4 or 5 GHz support, its 3 antennas transmit data at up to 300 Mbit/s, so you can enjoy high-definition multimedia streaming and make phone calls at the same time. The WLAN connection is pre-encrypted to the highest standard (WPA2), and in combination with the FRITZ!WLAN USB Stick, the connection is already set up – so there is no need for user configuration.

The USB 2.0 high-speed host port allows printers, storage media and audio-visual material to be shared throughout the entire network. A wide range of helpful convenience features are accessible to all connected PCs. Also, free software updates help users upgrade their communication equipment.

Two analog extensions support VoIP or fixed line telephony and fax machines even when the computer is off. AVM's efficient traffic shaping permits multiple phone calls and high Web traffic; thus, four computers or other network devices have simultaneous Internet access at ADSL2+ speed.

The pre-configured firewall and port forwarding features guarantee safe surfing. And by simply pressing a button, the WLAN connection can be enabled and disabled.

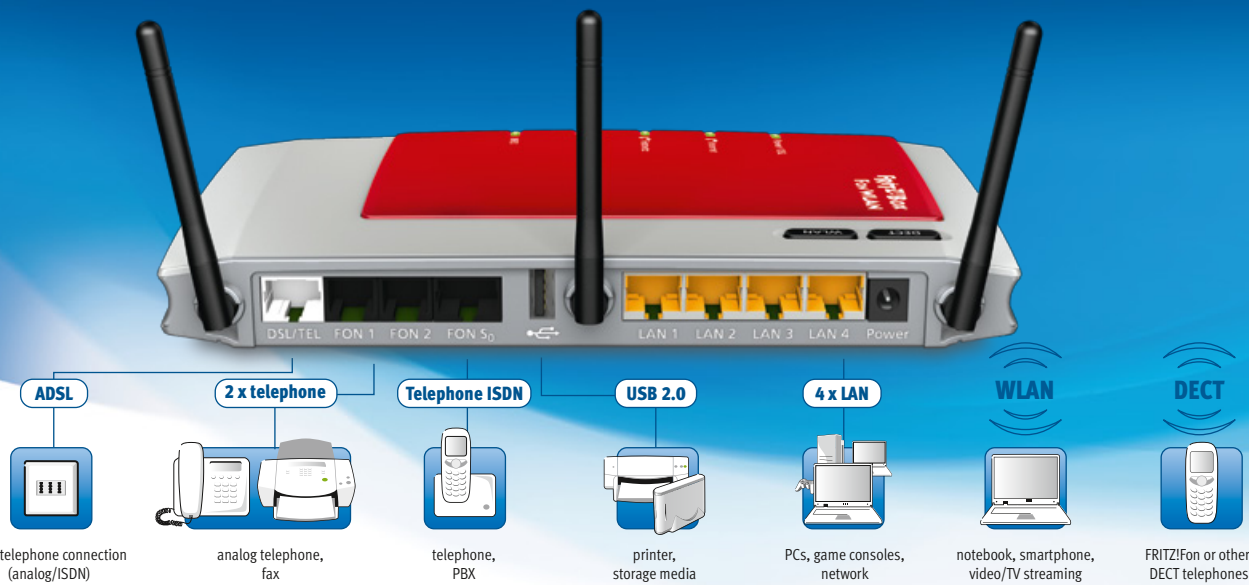
FRITZ!Box Fon WLAN 7270 features comprehensive software. This includes a telephone book, integrated answering machine, fax reception, WLAN night service, child protection and VPN.

### Highlights at a glance:

- Fast Internet access via integrated ADSL2+ modem
- WLAN N router for up to 300 Mbit/s
- Router operation at cable modem or with UMTS stick
- Dual-band WLAN N with 2.4 GHz or 5 GHz support
- Telephone system for Internet and fixed-line network telephony
- DECT base station for connecting up to 6 cordless telephones
- Up to 5 integrated answering machines, fax function with e-mail forwarding
- Media server for music, images and videos across the network
- USB 2.0 port for network printers and storage
- WLAN guest access – secure surfing for friends and visitors
- Integrates iPhones and Android smartphones into the home network over WLAN
- Simple setup via browser interface

The FRITZ!Box Fon WLAN 7270 has won numerous awards:





## Technical features

### Router functions

- High-performance WLAN router with firewall/NAT, DHCP server, DynDNS client, UPnP
- Integrated ADSL modem for ADSL (6 Mbit/s) and ADSL2+ (16 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<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
- 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, call blocking, wake-up call, VIP calls, do not disturb and call 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 2.4 or 5 GHz support
- 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 – safe surfing for friends and visitors
- Integration of iPhones and Android smartphones into the home network over WLAN
- Support for Wireless Distributed System (WDS) to extend wireless coverage
- WLAN Eco-Mode reduces field strength

### Media functions

- FRITZ!NAS – simple access via browser to all files in the network, no matter where they are saved
- 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 ADSL+ ISDN or ADSL + analog fixed-line network
- 4 x Ethernet connection (10/100 Base-T) for computers, games consoles
- 2 connections for analog telephone, fax and answering machine
- ISDN S<sub>0</sub> NT for up to 8 ISDN terminals
- USB 2.0 port for network storage and printer and for Stick & Surf

### WLAN N

FRITZ!Box Fon WLAN 7270 enables WLAN connections compliant with the wireless standard 802.11n in 2.4 GHz or in the particularly reliable 5 GHz band. MIMO (Multiple Input Multiple Output) multiple antenna technology increases WLAN coverage, quality and data transfer rates. The FRITZ!Box Fon WLAN 7270 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 MT-F cordless telephone available from AVM is the ideal enhancement to the FRITZ!Box Fon WLAN 7270, 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 Fon WLAN 7270 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

The high-speed USB 2.0 port brings 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 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 a
- For FRITZ!ADSL software package: Windows 7/Vista/XP
- Device dimensions 210 x 155 x 25 mm, wall or tabletop mounting
- Average power consumption: 6-8 watts

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

