



## FRITZ!Box Fon WLAN 7270

DECT, ISDN, VoIP and analogue 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 analogue PBX, even serving as a base station for up to 5 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 LAN. A wide range of helpful convenience features are accessible to all connected PCs. Also, free software updates help users upgrade their communication equipment.

Two analogue 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 preconfigured firewall and port forwarding features guarantee safe surfing. And by simply pressing a button, the WLAN connection can be enabled and disabled.

DSL

WLAN

VoIP

DECT

### Product overview:

- WLAN router with 4 LAN ports, integrated ADSL2+ modem
- Latest WLAN standard 802.11n (Draft 2.0), also backward-compatible with 802.11a, b and g
- Telephone system for VoIP and fixed-line telephony (ISDN or analogue)
- Internet telephony with existing telephone even when the computer is off
- Integrated DECT base station (GAP) for use with CAT-iq
- Integrated answering machine
- USB port
- WLAN eco mode reduces transmission power and energy consumption

## Technical features

### Router functions

- Powerful WLAN router for ADSL (6 Mbit/s), ADSL2+ (16 Mbit/s) with firewall/NAT, DHCP server, DynDNS client, UPnP
- Integrated DSL modem (compatible with 1TR112/U-R2)

### Telephony functions

- ISDN S<sub>0</sub> bus to connect ISDN telephones or an ISDN telephone system
- 2 a/b ports to connect telephones, answering machine and fax machine
- Integrated DECT base station (GAP), for use with CAT-iq
- Internet telephony with computer off
- Bandwidth management – optimum quality for telephony and surfing the Web via DSL
- Comprehensive telecommunication functions such as call forwarding, internal calls, three-party conference calls, connecting calls, blocking numbers, wake-up calls, VIP calls, ringer deactivation and caller ID on Internet and ISDN calls
- Internet SIP telephony conforms to RFC 3261

### WLAN functions

- WLAN transmission network with 802.11n standard (Draft 2.0, up to 300 Mbit/s)
- Backward-compatible to 802.11a, b, g
- Preconfigured, individual WLAN encryption
- WLAN button (to enable and disable WLAN manually)
- Supports WPA2, WPA, WEP 128, WEP 64 encryption standards

### Security

- Stateful packet inspection firewall for secure surfing with port forwarding for your server
- AVM Stick & Surf: automatic, secure and wireless surfing

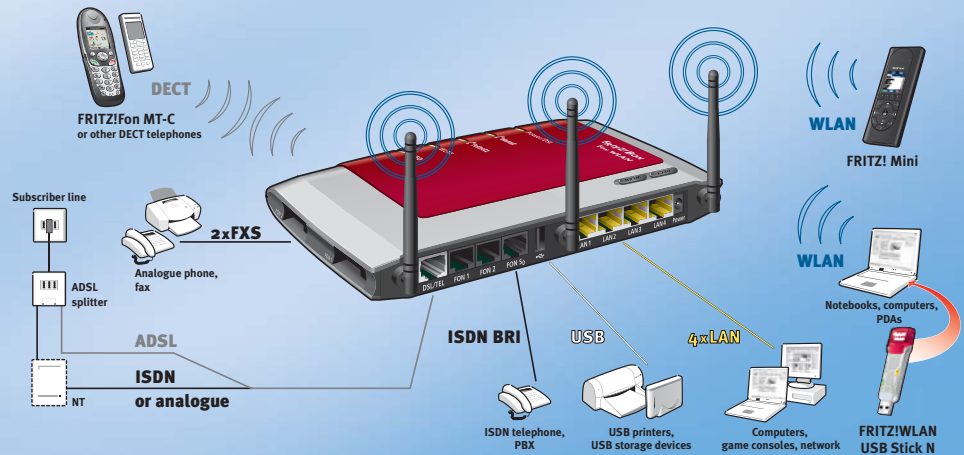
### Connectivity options

- DSL + ISDN or DSL + analogue fixed line
- 4 Ethernet ports (10/100 Base-T) for computers, game consoles or a network hub or switch
- 2 extensions for analogue telephones, fax machines and answering machines
- ISDN S<sub>0</sub> NT for connection of up to 8 ISDN end devices
- Integrated DECT base station for up to 5 cordless telephones
- USB 2.0 port for printers, storage media and for Stick & Surf

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### WLAN 802.11n

The FRITZ!Box Fon WLAN 7270 enables users to enjoy WLAN connections with the wireless standard of the future, IEEE 802.11n (Draft 2.0), at 2.4 GHz and also in the very low-interference 5 GHz band. This gets users ready for future WLAN developments. MIMO multiple antennas (multiple input multiple output) increase the range, quality and data rate of the WLAN connection.

Thanks to the preconfigured, individual WPA/WPA2 encryption, the FRITZ!Box Fon WLAN 7270 is already secure when it leaves the factory.

### DECT base station and answering machine

The integrated DECT base station enables you to use up to 5 cordless phones. Depending on configuration, the FRITZ!Box Fon WLAN 7270 allows for up to 5 answering machines, each with its own phone number. Set-up and maintenance are convenient and take place on the user-friendly FRITZ!Box surface.

### Save energy with FRITZ!

With the eco mode, the FRITZ!Box Fon WLAN 7270 adapts to the amount of data transfer, resulting in optimum energy consumption. When not in use, processor performance is minimised and unused interfaces are turned off. Thanks to the WLAN night switch, the length of transmission time can be set or turned off manually.

### More possibilities with USB 2.0

The high-speed USB port allows for new applications in the network. So the user can connect the hard drive containing their entire music collection and listen to it via the local network (UPnP AV). USB printers and storage devices can also be used in the network: you can work on documents while they're located in the USB storage device and share the content with others online.

### Warranty

AVM provides a five-year warranty. AVM's customer service includes free updates and our award-winning support by email or phone.

### Multiple award winner

FRITZ! products have received many awards in the IT press commending both their user-friendly operation and the high security standards they fulfil from the word "go".