

# AVM FRITZ Box 6842 802.11bgn LTE Wireless Router



Product Name: AVM FRITZ Box 6842 802.11bgn LTE Wireless Router

Manufacturer: -

Model Number: 6842

AVM FRITZ Box 6842 802.11bgn LTE Wireless Router

The AVM FRITZ Box 6842 LTE uses the modern LTE wireless standard for the Internet connectivity for home networks and so makes high-speed Internet everywhere possible where no landline is available. In her slim case offers a top equipment including PBX.

AVM FRITZ Box 6842 Key Features

- Connection to LTE wireless broadband (Triband) with LTE SIM card (mini-SIM)
- 1 x Gigabit Ethernet (10/100/1000 Base-T, RJ-45 jack)
- 3 x Fast Ethernet (10/100 Base-T, RJ-45 jack)
- (IEEE 802.11n, g, and b in the 2.4 GHz band) wireless N access point
- 1 USB 2.0 port for storage and printer
- DECT base for up to 6 cordless telephones
- 1 a / b port (TAE, RJ11) for analog phone, answering machine or fax

AVM FRITZ Box 6842 - Technical Specifications

LTE

- LTE Category 3 modem (3GPP Release 8)
- Up to 100 Mbit / s download and up to 50 Mbit / s upload speed
- Tri-band support: Volume 20 (791-862 MHz, FDD, "Digital Dividend"), Volume 3 (1800 MHz FDD) and band 7 (2500-2690 MHz FDD)
- Supports channel bandwidths 5, 10, 15 and 20 MHz
- MIMO receiver technology (Multiple-In-Multiple-Out-antenna technology)
- Integrated LTE antennas, optional connection of external antennas with 2 SMA connectors possible
- For Mini-SIM

Internet

- LTE Router with Firewall / NAT, DHCP Server, DNS Client, UPnP
- Stateful Packet Inspection firewall with port forwarding for safe surfing in the Internet
- Supports Internet Protocol IPv6
- Secure remote access over the Internet using VPN (IPSec)
- Parental control with filter lists
- Remote maintenance via https

Wi-Fi

- Wi-Fi wireless network 802.11n (up to 300 MBit / s), backward compatible with 802.11g and b
- WLAN N in the 2.4 GHz band
- From work safely thanks enabled WPA2 encryption
- Encryption with WPA2, WPA / WPA2 Mixed Mode, WEP-64 or WEP-128
- AVM Stick & Surf: surf safely and wirelessly automatically
- WLAN button (manual on / off wireless)
- Wi-Fi Protected Setup (WPS) for secure WLAN connectivity via push button or PIN
- Integrated iPhone and Android smartphone via Wi-Fi in the home network and enables fixed-line and Internet telephony
- WLAN Eco for optimal performance with minimal power consumption

Telephony

- Telephone system with DECT base for up to 6 cordless telephones
- Connection for both analog phone, answering machine or fax
- Encrypted Voice Factory
- DECT button for registration of cordless telephones and paging call
- Supports HD telephony for natural sound
- LTE bandwidth management - calls and surfing in optimal quality
- DECT Eco for optimal performance with minimal power consumption
- 5 integrated answering machine including e-mail forwarding (voice to mail)
- Receive faxes, including e-mail forwarding (fax to email)
- Call divert internal calls, three-way conferencing and mediation
- Number lock, Alarm Clock, Baby Call, VIP calls and Disturb
- Internet telephony SIP-compliant with RFC 3261
- Registration of IP phones (LAN / WLAN) based on SIP standard
- Telephony app (WLAN) from iOS 4 and Android 2.1

## Comfort for the home network

- Media server provides devices in the home network music, pictures and videos available (SMB, FTP, UPnP AV)
- With MyFRITZ! from anywhere secure access to your own FRITZ! Box
- FRITZ NAS - easy access to all files on the network
- Ideal for networked applications such as IPTV, Video on Demand and Streaming Media
- Child Lock, Push Service, cloud contacts, online storage
- Guest access: secure surfing for friends and visitors (LAN and WLAN)
- Joint use existing Internet access via LAN or WLAN
- Wake on LAN over the Internet

## FRITZ! OS

- "Fritz box": clear user surface, intuitive to use via the browser
- User interface optimized for smartphones and tablets (responsive design)
- Free updates for new functions and security
- Advanced View for specific settings, help function with full text search
- FRITZ! Apps for wireless phone calls in the home network, for file access on the move, the control of webcams and more (Android and iOS)
- Smart Home features integrated into user interface
- Smart home appliances are manually in the home network and the internet as well as automatically switchable

**Please Enquire**

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