

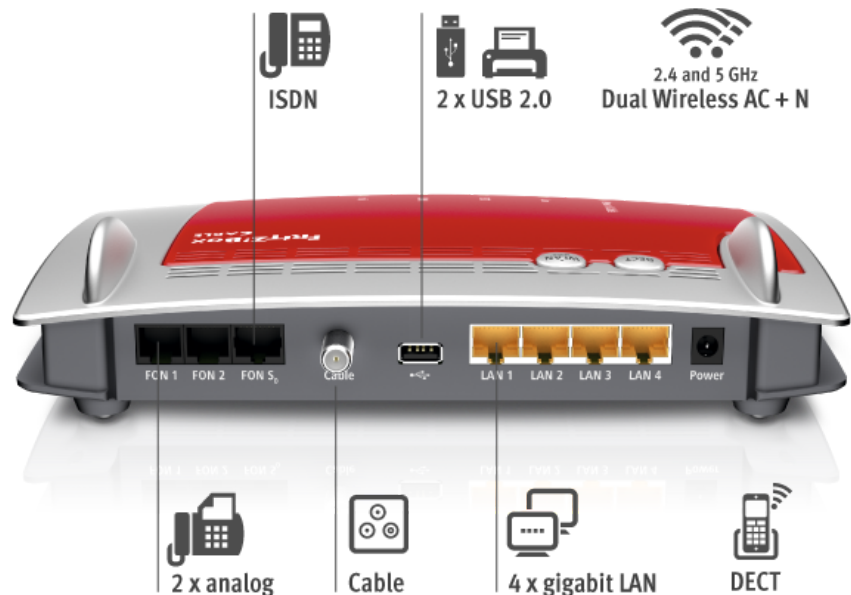


FRITZ!Box 6490 Cable

Technical data

Interfaces

- Internet over cable with a EuroDOCSIS 1.0/1.1/2.0/3.0 cable modem
- 4 x gigabit Ethernet
- Wireless AC at up to 1300 Mbit/s (5 GHz) and Wireless N at up to 450 Mbit/s (2.4 GHz)
- 2 USB 2.0 ports for printers and storage media
- DECT base station for up to six handsets
- ISDN S₀ bus for ISDN telephones or ISDN telephone system
- 2 a/b ports for analog telephones, answering machines and fax



Technical specifications

Internet

- Internet over cable with a EuroDOCSIS 1.0/1.1/2.0/3.0 cable modem
- Integrated EuroDOCSIS 3.0 cable modem with downstream speeds of up to 1320 Mbit/s
- Full-band capture tuner
- Wireless router with firewall/NAT, DHCP server, DynDNS client, UPnP AV
- Support for IPv6
- Stateful Packet Inspection Firewall with port forwarding
- Secure remote access over the Internet with VPN (IPSec)

Wireless LAN

- Wireless networks compliant with 802.11ac (up to 1300 Mbit/s gross; 5 GHz) and 802.11n (up to 450 Mbit/s gross; 2.4 GHz)
- Dual Wireless AC + N for simultaneous operation in the 2.4 and 5 GHz bands
- Compatible with Wireless 802.11g, b and a (11, 54, 150, 300 Mbit/s)
- Secure ex works with WPA2 encryption

- AVM Stick & Surf: automatic security for wireless surfing
- WLAN pushbutton (to switch wireless LAN on/off manually)
- Wi-Fi Protected Setup (WPS)
- Wireless auto channel: Automated search for wireless LAN radio channel free of interference
- WLAN Eco for optimum performance at minimum power consumption
- Integrates iPhone and Android smartphones wirelessly in the home network

Telephony

- Telephone systems with DECT base station for up to 6 cordless telephones
- Voice transmission encrypted upon delivery
- ISDN S₀ bus for connecting ISDN telephones/ISDN telephone system
- 2 a/b ports for connecting analog telephones, answering machines and fax
- Supports HD telephony for natural sound
- DECT Eco: Radio network switches off ergonomically
- 5 integrated answering machines featuring voice-to-mail
- Fax function including e-mail forwarding (fax-to-mail)
- Call diversion, internal calls, three-party conferencing, call transfer
- Call blocks, alarm, baby monitor, VIP calls and Do not Disturb
- Internet telephony SIP-compliant in accordance with RFC 3261
- Registration of IP telephones (LAN/WLAN) SIP-compliant
- FRITZ!App Fon for telephony with Apple iPhone (iOS4 or higher) or Google Android (2.1 or higher)

Convenience for the home network

- Media server makes music, pictures and videos in the network available to devices in the home network (SMB, FTP, UPnP AV)
- With MyFRITZ!, secure access to your own FRITZ!Box from anywhere
- FRITZ!NAS – simple, browser-based access to all files in the network
- Platform for networked applications like IPTV, video on demand and media streaming, thanks to the powerful dual-core processor
- Streams free-to-air TV programs simultaneously to tablets or smartphones and to computers (with the VLC media player) in your home network (not available in all cable networks).
- Parental controls, push service, cloud contacts, online storage
- Guest access: sharing of existing Internet connection over LAN or wireless LAN
- Wake on LAN over the Internet

FRITZ!OS

- "fritz.box": multi-language user interface, for intuitive operation via Web browser
- User interface optimized for smartphones and tablets (responsive design)
- Free updates for new functions and security
- Advanced view for special configuration options, help function with full-text search
- FRITZ!Apps for wireless LAN telephone calls in the home network, file access from on the go and more (Android and iOS)
- Smart Home features integrated in the user interface
- Smart Home devices can be switched manually and automatically both in the home network and from the Internet

Interfaces

- Wireless router with integrated cable modem compliant with the latest transmission standard (EuroDOCSIS/DOCSIS 1.0/1.1/2.0/3.0)
- 4 gigabit ports (10/100/1000 Base-T), WAN at the LAN 1 port
- Wireless access point compliant with IEEE 802.11ac, n, g, b, a
- 2 USB 2.0 ports for printers and storage media
- Integrated DECT base station for up to 6 handsets
- ISDN S₀ bus (RJ45) for ISDN telephones or ISDN telephone system
- 2 a/b ports (RJ11) for analog telephones, answering machines and fax

Package contents

- FRITZ!Box 6490 Cable
- Power supply unit
- 1.5-meter LAN cable
- Installation guide
- FRITZ!Box CD (depends on the provider)

Device properties

- Dimensions (W x H x D): 226 x 47 x 160 mm
- Suitable for tabletop or wall-mounted operation
- Average power consumption: 11 W