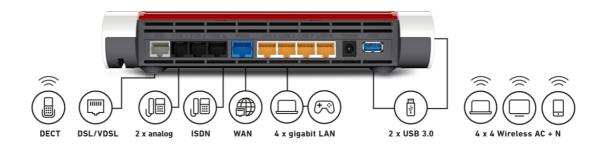


FRITZ!Box 7590 Overview Details Technical specifications



Technical specifications

Interfaces

For the VDSL or ADSL line

Analog or ISDN landline according to 1TR112/U-R2

Compatible with Annex-J lines

4 x gigabit Ethernet (10/100/1000 Base-T)

1 x gigabit WAN for connections on cable/DSL/fiber optic modems or to the network

Wireless access point compliant with IEEE 802.11ac, n, g, b, a

2 x USB 3.0 port for printers and storage media

DECT base station for up to 6 handsets

Internal S0 bus to use ISDN phones or telephone systems on an IP-based connection

2 a/b ports (either TAE/RJ11) for connecting analog telephones, answering machines and fax

Internet

DSL router with firewall/NAT, DHCP server, DynDNS client,

UPnP AV

VDSL or ADSL line with optional analog or ISDN landline network compliant with 1TR112/U-R2

Supports 300 Mbit/s VDSL connections, including supervectoring

Use of existing Internet connections via LAN and wireless LAN

Router operation even at a cable modem, fiber optic connection or with a mobile communications dongle (LTE/UMTS/HSPA)

Supports IPv6 for Internet, home network and telephony

Stateful Packet Inspection Firewall with port sharing for secure surfing

Secure remote access over the Internet with VPN (IPSec)

Wi-Fi

4 x 4 Wireless AC + N with Multi-User MIMO

Wireless AC (up to 1733 Mbit/s gross, 5 GHz) and N (up to 800 Mbit/s gross, 2.4 GHz)

With Mesh WiFi you can combine several wireless access points into one intelligent system (FRITZ!OS 6.90 and later) Find out

Wireless LAN can be turned on and off via button and connected telephones

Wi-Fi Protected Setup (WPS)

Wireless quest access - secure surfing for friends and visitors

Wireless network range extended through repeater function

more at en.avm.de/mesh

Compatible with Wireless 802.11g, b and a

Secure upon delivery with WPA2 encryption

AVM Stick & Surf: automatic security for wireless surfing Wireless auto channel: Automated search for wireless LAN radio channel free of interference

Green AP mode for optimum performance at minimum power consumption

Telephony

Telephone systems with DECT base station for up to 6 cordless telephones

Voice transmission encrypted ex works

ISDN S₀ bus for connecting ISDN telephones/ISDN telephone systems

2 a/b ports (either TAE/RJ11) for connecting analog telephones, answering machines and fax

Supports HD telephony for natural sound

DECT Eco: Radio network switches off ergonomically

Five integrated answering machines featuring voice-to-mail

Manage telephone contacts locally or

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 SIPcompliant in accordance with RFC 3261

Registration of IP telephones (LAN/WiFi) SIP-compliant

Telephony app (WiFi) for Apple iOS 4 or higher, Google Android 2.1 or higher

online (email providers)

Convenience for the home network

Media server makes music, pictures and videos available to devices in the home network (DLNA, UPnP AV)

MyFRITZ! lets you access your own FRITZ!Box safely, no matter where you are

FRITZ!NAS: memory shared by all data in the home network

Platform for networked applications like IP TV, video on demand and media streaming, thanks to the powerful dual-core processor

Parental controls, push service, cloud contacts, online storage

Wireless guest access – secure surfing for friends and customers

Wake on LAN over the Internet

Supports devices compliant with DLNA

Smart Home features for measuring and switching integrated in the user interface

LEDs can be dimmed manually or depending on the brightness in the room

FRITZ!0S

"fritz.box": multilanguage user interface, for intuitive operation via Web browser

User interface optimized for smartphones and tablets (responsive design)

Smart Home features integrated in the user interface

Smart Home support for DECT ULE/HAN FUN devices

Smart Home devices can be switched manually and

Free updates for new functions and security

Advanced view for special configuration options, help function with full-text search

FRITZ!Apps for connecting to Wi-Fi, telephone calls in the home network, file access from on the go and more (Android and iOS) automatically both in the home network and from the Internet

Package contents

FRITZ!Box 7590

Power supply unit with 1.5-meter cable

4-meter DSL-telephone connecting cable

1.5 meter LAN cable
Quick guide

Device properties

Dimensions (W x H x D): 250 x 48 x 185 mm

Average power consumption: 9 - 10 W

Warranty

5-year manufacturer's warranty for end customers

Article number

20002804

FRITZ! -Here's why!

Enjoy the benefits of FRITZ! products and services

Compare models

Compare the key features of our FRITZ!Box models

Service

We're to help with knowledge documents, downloads, videos and more

FRITZ!Apps FRITZ!OS