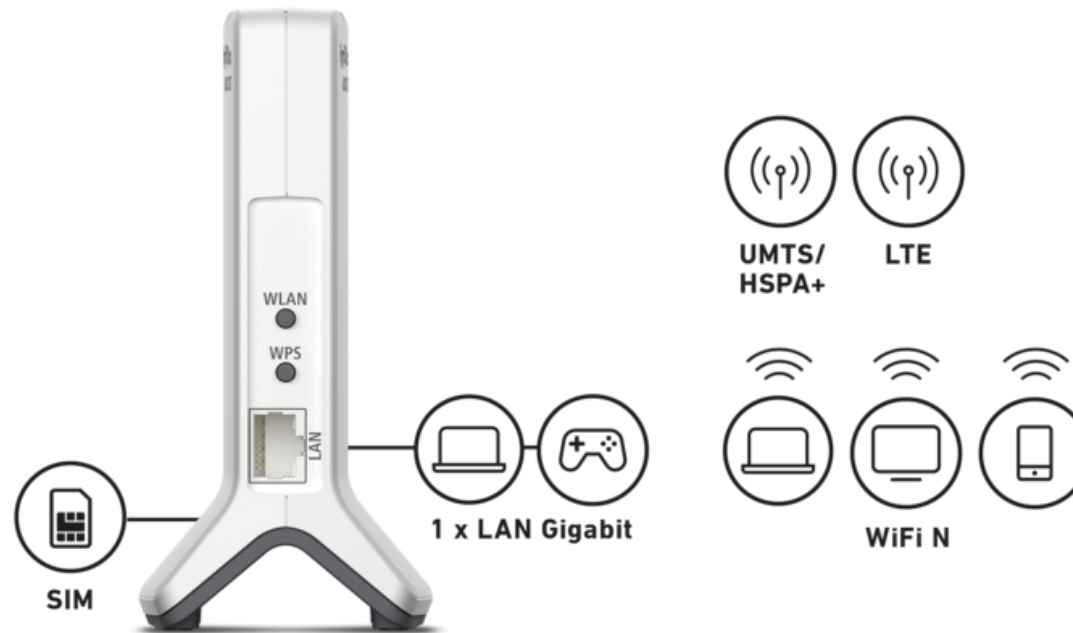




FRITZ!Box 6820 LTE

Technical specifications



Technical specifications

Interface details

Integration into the LTE broadband network with LTE-SIM card (mini SIM)

Wireless N access point (IEEE 802.11n, g, b in the 2.4-GHz band) for

Internet connection via UMTS/HSPA+ (3G)

PC, notebook, tablet, smartphone

1 x gigabit Ethernet (10/100/1000 Base T, RJ45 port) for PC, game console, network

LTE

LTE category 4 modem (FDD)

Multi-band support: band 1 (2.1 GHz), band 3 (1.8 GHz), band 7 (2.6 GHz), band 8 (900 MHz), band 20 (800 MHz) and band 32 (1.5 GHz)

Supports the 1.4, 3, 5, 10, 15 and 20 MHz channel bandwidths

MIMO receiver technology (Multiple-In-Multiple-Out antenna technology)

Integrated LTE antennas

Internet

LTE router with firewall/NAT, DHCP server, DynDNS client, UPnP AV

Stateful Packet Inspection Firewall with port forwarding for secure web surfing

Supports the IPv4 and IPv6 web protocol

Secure remote access over the Internet with VPN (IPSec)

Parental control with filter lists

Remote maintenance via https

Wi-Fi

Wireless radio networks compliant with 802.11n (up to 450 Mbit/s gross; 2.4 GHz; MIMO 3 x 3) and 802.11b/g

With Mesh WiFi you can combine several wireless access points into one intelligent system (FRITZ!OS 6.90 and later) Find out more at en.avm.de/mesh

Secure upon delivery thanks to WPA2 encryption

Wireless LAN encryption with WPA2, WPA/WPA2 mixed mode

WLAN button (to switch wireless LAN on/off manually)

Wi-Fi Protected Setup (WPS) for safe wireless connections at the touch of a button or by entering a PIN

Wireless guest access – secure surfing for friends and visitors

Green AP mode for optimum performance at minimum power consumption

FRITZ!OS

Clearly laid out user interface, for intuitive operation via web browser

User interface optimized for smartphones and tablets (responsive design) and available in multiple languages (DE, EN, ES, FR, IT and PL)

Alignment aid for antennas to find the ideal location for the FRITZ!Box

Free updates for new functions and security

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

FRITZ!APP WLAN for connections to the router and details on the wireless connection (Android)

Package contents

FRITZ!Box 6820 LTE	1.5-meter LAN cable
Power adapter with 1.5-meter cable	Quick guide

Device properties

Dimensions (W x H x D):

64 x 99 x 134 mm

Average power consumption: under
6 watts

Article number

