

FRITZ!Powerline 540E

Technical data

Highlights at a glance

- Expands the home network using your home's wiring
- Powerline with up to 500 Mbit/s, securely encrypted
- Immediately ready for operation at every outlet without any software installation
- Fast Ethernet for connecting TV, Blue-ray, stereo, game consoles
- Wireless access point at up to 300 Mbit/s (2.4 GHz) for connecting PC, tablet, smartphone, printer and other network devices
- Optional repeater function to extend the router's wireless range
- Available as single adapter or in a practical starter set with two devices



Technical specifications

Powerline

- Expands the home network using your home's wiring
- Operation at every outlet without any software installation
- Up to 500 Mbit/s powerline data throughput: Stable connections over great distances in the network
- For bandwidth-intensive applications in multiple rooms: HD video (including 3D), multimedia streaming, Internet access over VDSL and cable
- 2 x Fast Ethernet (100 Mbit/s) for connecting PC, printer, TV, Blu-ray, stereo, game console
- Quality of Service: Data prioritization for video transmission and Internet telephony free of interference
- Secure wireless LAN configuration at the push of a button via WPS (Wi-Fi Protected Setup)
- Supports multicast sessions using IGMP
- Encrypted securely upon delivery: 128-bit AES link encryption and key management

- Compatible with powerline adapters supporting rates of 500 and 200 Mbit/s and the IEEE P1901 standard, coexistence with older powerline adapters
- Support for IPv6

Wireless LAN

- Wireless access point compliant with IEEE 802.11b (11Mbit/s), g (54 Mbit/s), n (300 Mbit/s) in the 2.4 GHz frequency band
- Connects PC, tablet, smartphone, printer and other network devices wirelessly
- Maximum wireless LAN security with WPA2 (802.11i), simple configuration with WPS (Wi-Fi Protected Setup) at the touch of a button
- Repeater function option; increases the range of the wireless network of the FRITZ!Box or other router

Ports and interfaces

- Connection to mains with 230V, 50 Hz to socket for Type F socket (CEE 7/4)
- 2 x Fast Ethernet (10/100 Base-T, RJ45 jack) for FRITZ!Box, PC, TV, printer, stereo system, Blu-ray player and more
- Wireless access point IEEE 802.11b (11Mbit/s), g (54 Mbit/s), n (300 Mbit/s) in the 2.4 GHz frequency band for PC, tablet, smartphone, printer and other network devices

Article number

- 20002667 (single adapter)
- 20002684 (540E WLAN Set)

Device properties

- Dimensions (W x H x D) approx. 59 x 132 x 41 mm (without plug)
- Weight: 185 g
- Average power consumption: 5,5 W

Package contents

Depending on product variant (single adapter or set):

Single adapter:

- FRITZ!Powerline 540E
- Network cable
- Quick Guide

FRITZ!Powerline 540E WLAN Set:

- FRITZ!Powerline 540E
- FRITZ!Powerline 510E
- 2 network cables
- Quick Guide