

FRITZ!Repeater 1700



FRITZ!Repeater 1700

Data Sheet



Executive Summary

Features

The FRITZ!Repeater 1700 is a dual-band extender for 2.4 and 5 GHz. It transmits and receives with two antennas on both bands (2 x 2 + 2 x 2) to achieve a combined Wi-Fi data rate of 3600 Mbit/s.

The repeater can be connected with the FRITZ!Box or other network-compatible devices can be integrated into the powerful home network via the gigabit LAN port.

Easy to install: especially convenient with FRITZ!Box

The FRITZ!Repeater 1700 is configured as easily as other AVM products at the convenient touch of a button. The existing Wi-Fi network is extended while retaining the network name and password. When used with a FRITZ!Box, the Mesh Wi-Fi function is automatically activated, offering additional performance and convenience features.

Additional features with Mesh

All AVM FRITZ!Repeaters support AVM's powerful Mesh feature. In the Mesh of a FRITZ!Box, the FRITZ!Repeaters automatically adopt all relevant settings, such as the wireless network name (SSID), password, guest network settings and night service. Settings changed later in the FRITZ!Box are automatically transferred to the FRITZ!Repeater 1700. The FRITZ!Box and FRITZ!Repeater automatically coordinate with each other to optimize performance. Updates to the repeaters can be carried out conveniently in the FRITZ!Box Mesh Overview. If you have set up the automatic update feature for your FRITZ!Box, your repeaters will always be kept up to date as well.

Package contents

- FRITZ!Repeater 1700
- Printed quick guide
- Slim Ethernet cable adapter
- Euro to F-type plug

Technical Features

Interfaces

- Wi-Fi networks compliant with 802.11be (2880 Mbit/s and 688 Mbit/s)
 - Dual-band Wi-Fi concurrently on 2.4 GHz and 5 GHz
 - 1-Gbit/s LAN for connecting network-compatible devices
 - 1 LED indicating operation and connection status (LED can be dimmed and switched off)
- Wifi Requeencies

| 2.4-GHz Wi-Fi | <ul style="list-style-type: none">• Wi-Fi 7 (IEEE 802.11be), transmission rates of up to 688 Mbit/s• Compatible with IEEE 802.11g/n/ax | |
|---------------|---|------------------------|
| 5-GHz Wi-Fi | <ul style="list-style-type: none">• Wi-Fi 7 (IEEE 802.11be), transmission rates of up to 2880 Mbit/s• Compatible with IEEE 802.11a/n/ac/ax | |
| Frequency | Frequency Range | max. transmitter power |
| 2,4 GHz | 2400 - 2483 MHz | 100 mW |
| 5 GHz | 5150 - 5350 MHz 5470 - 5725 MHz | 200 mW 100 mW |

Features

- Can also be connected with the router via LAN (access point mode)
- Perfectly coordinated with the FRITZ!Box, easy integration into a FRITZ!Mesh
- Automatically adopts all important settings of the FRITZ!Box in the Mesh Wi-Fi
- Compatible with routers from other manufacturers
- Simple and secure configuration at the touch of a button (Connect or WPS)
- Secure upon delivery with WPA2/WPA3 encryption and preconfigured device password
- Wi-Fi guest access: Secure surfing for friends and visitors
- Wi-Fi auto channel: Automated search for Wi-Fi channel free of interference
- Wi-Fi Eco for optimum performance at minimum energy consumption



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