

FRITZ!Repeater 6000 wireless router



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For Wi-Fi 6: the FRITZ!Repeater 6000 tri-band router

With three radio units that can achieve a total data throughput of up to 6,000 Mbit/s, the FRITZ!Repeater 6000 ensures stable connections and maximum bandwidth for all connected wireless devices. At the same time, the repeater increases Wi-Fi range and ensures perfect coverage throughout your home.

Ultra-fast Wi-Fi 6

The new Wi-Fi 6 standard meets the needs of networks with an ever increasing number of wireless devices. Smartphones, tablets, PCs, 4K TVs, speakers and smart lights: more and more devices are being used simultaneously on your Wi-Fi at home.

The FRITZ!Repeater 6000 operates on three Wi-Fi bands that are intelligently used in parallel. As a result, the FRITZ!Repeater 6000 always chooses the most efficient path to the router and the connected wireless devices. As a result, all connections in the home network achieve high data rates and even the most demanding Wi-Fi scenarios can be realized.

Mesh Wi-Fi with FRITZ!

The FRITZ!Repeater 6000 supports Mesh Wi-Fi, meaning your videos, music and photos seamlessly reach every corner of your home, apartment or office. How does it work? The FRITZ! devices work together as part of a single network, communicating with each other and optimizing wireless devices and network usage.

With Mesh you can enjoy high speeds while surfing, streaming or gaming. Instead of waiting for breathtaking HD television and your favorite music, your media will wait for you.

Easy to install thanks to WPS

The FRITZ!Repeater 6000 supports convenient, automatic registration using the Wi-Fi Protected Setup (WPS) standard. A touch of a button is all it takes: Repeaters and WPS-enabled routers, such as FRITZ!Box, then connect automatically. The FRITZ!Repeater adopts the appropriate Wi-Fi settings and is ready for use immediately.

Wireless freedom

The new 2.5 gigabit LAN port, via which the latest network-compatible devices can be integrated into the home network without Wi-Fi, ensures extra high speed. The FRITZ!Repeater 6000 does this by using Wi-Fi signals to bridge the distance to the router, something that used to require laying extra cables. And if your home already has cables, the repeater can switch to LAN bridge operating mode so that an existing network cable or powerline adapter can be used to connect to the router. This means even longer distances can be bridged effortlessly.

Easy to operate and update

From ideal positioning to the optimum frequency channel: The repeater supports you with LEDs, FRITZ!App WLAN, software wizards and a clear, user-friendly interface. The FRITZ!Repeater 6000 also benefits from new features provided in free updates.

Secure encryption for Wi-Fi networks

In addition to the established WPA2 encryption method, the FRITZ!Repeater 6000 also supports the latest WPA3 method with

enhanced security features. This allows the repeater to establish secure connections to modern routers and your Wi-Fi is well protected.

Zusammenfassung

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FRITZ!Repeater 6000, Wi-Fi 6 (802.11ax), Tri-band (2.4 GHz / 5 GHz / 5 GHz), Ethernet LAN, Red, White, Portable router

FRITZ!Repeater 6000. Wi-Fi band: Tri-band (2.4 GHz / 5 GHz / 5 GHz), Top Wi-Fi standard: Wi-Fi 6 (802.11ax), WLAN data transfer rate (max): 2400 Mbit/s. Ethernet LAN interface type: Ethernet, Ethernet LAN data rates: 10,100,1000,2500 Mbit/s. Security algorithms: WPA2, WPA3. Product type: Portable router, Product colour: Red, White, LED indicators: Activity. Cables included: LAN (RJ-45)

Merkmale

Antenna		Packaging content	
Antenna design	Internal	Cables included	LAN (RJ-45)
		AC adapter included	Yes
		Quick start guide	Yes

Ports & interfaces

Ethernet LAN (RJ-45) ports	2
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Security

Security algorithms	WPA2, WPA3
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Design

Product colour	Red, White
LED indicators	Activity
Product type	Portable router

Network

Ethernet LAN	Yes
Ethernet LAN interface type	Ethernet
Ethernet LAN data rates	10,100,1000,2500 Mbit/s

Weight & dimensions

Width	87 mm
Depth	135 mm
Height	185 mm

Power

Power source type	AC
AC input voltage	230 V
AC input frequency	50 Hz
Power consumption (typical)	11 W

Wireless LAN features

Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 5 GHz)
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
WLAN data transfer rate (max)	2400 Mbit/s
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
WLAN data transfer rate (first band)	1200 Mbit/s
WLAN data transfer rate (second band)	2400 Mbit/s
WLAN data transfer rate (third band)	2400 Mbit/s

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.