



Box FRITZ! 6850 5G wireless router Gigabit Ethernet Dual-band (2.4 GHz / 5 GHz) Black, Red, White



Brand : FRITZ!

Product family: FRITZ!Box

Product code: 20002914

Product name : FRITZ!Box
6850 5G

- Mobile internet with 5G
- Online everywhere, also with 4G (LTE) and 3G (UMTS/HSPA+)
- Wi-Fi up to 866 + 400 Mbit/s
- Network with 4 x gigabit LAN, 1 x USB 3.0
- Telephone system, cordless telephony, Smart Home
- Media server, NAS, MyFRITZ!, auto update

4 x gigabit LAN ports, 5G mini-SIM, IP-based telephony, 1 a/b port, 1 x USB 3.0, IPv6, NAT, DHCP server, DynDNS client, UPnP AV, Wi-Fi 5/4, 866 Mbit/s, 5-GHz and 2.4-GHz band

Box 6850 5G. Wi-Fi band: Dual-band (2.4 GHz / 5 GHz), Top Wi-Fi standard: Wi-Fi 5 (802.11ac), WLAN data transfer rate (max): 866 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet. Mobile network generation: 5G, 3G standards: HSPA+, UMTS, 4G bands supported: 1500,3500,3700 MHz. Security algorithms: WPA2, WPA3, WPS. Product type: Tabletop router, Product colour: Black, Red, White



WAN connection		Security	
Ethernet WAN *	✓	Security algorithms	WPA2, WPA3, WPS
SIM card slot *	✓	Firewall	✓
Wireless LAN features		Guest access	✓
Wi-Fi band *	Dual-band (2.4 GHz / 5 GHz)	Network address translation (NAT)	✓
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Protocols	
WLAN data transfer rate (max) *	866 Mbit/s	DHCP server	✓
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Universal Plug and Play (UPnP)	✓
WLAN data transfer rate (first band)	866 Mbit/s	Design	
WLAN data transfer rate (second band)	400 Mbit/s	Product colour	Black, Red, White
Network		Wall mountable	✓
Ethernet LAN *	✓	Product type *	Tabletop router
Ethernet LAN interface type *	Gigabit Ethernet	Packaging content	
Automatic channel selection	✓	Cables included	LAN (RJ-45)
Mobile network		AC adapter included	✓
Mobile network generation	5G	Antenna included	✓
3G	✓	Quick installation guide	✓
4G	✓	Antenna	
5G	✓	Antenna design *	External
3G standards	HSPA+, UMTS	Antenna connector type	SMA
4G LTE category	16	Antennas quantity	2
4G bands supported	1500,3500,3700 MHz	Power	
SIM card type	MiniSIM	Power source type *	DC
Ports & interfaces		Power consumption (typical)	6 W
Ethernet LAN (RJ-45) ports *	4	Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Width	208 mm
RJ-11 ports quantity	1	Depth	150 mm
DC-in jack	✓	Height	37 mm
Management features		Packaging data	
MIMO	✓	Package width	186 mm
		Package depth	272 mm

Packaging data

Package height	74 mm
Package weight	720 g



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Catalog Object Cloud



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