



Box FRITZ! 6860 5G Cellular network router

Brand : FRITZ!

Product family: FRITZ!Box

Product code: 20003048

Product name : FRITZ!Box
6860 5G

- Mobile internet with 5G, 4G or 3G
- Wi-Fi 6 up to 2400 Mbit/s + 600 Mbit/s
- Suitable for use indoors and in protected outdoor areas (IP54)
- DECT base station and telephone system for IP and mobile (VoLTE/VoNR)

Wi-Fi 6 2x2 MIMO, 5G nano-SIM, DECT, VoLTE/VoNR, Gigabit LAN, PoE+, IP54

Box 6860 5G. Device type: Cellular network router, Product colour: White. Ethernet LAN interface type: Gigabit Ethernet, Ethernet LAN data rates: 10,100,1000 Mbit/s, Networking standards: IEEE 802.3at. Wi-Fi standards: 802.11a, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), WLAN data transfer rates supported: 600,2402 Mbit/s. Data network: 3G, 4G, 5G, 3G standards: HSPA+, UMTS, 4G standard: LTE-A. Security algorithms: IPSec, WPA2, WPA3, WPS



Design		Security	
Device type *	Cellular network router	Network address translation (NAT)	✓
Product colour *	White	Firewall	✓
Ethernet LAN features		Packaging content	
Ethernet LAN *	✓	Cables included	LAN (RJ-45)
Ethernet LAN interface type	Gigabit Ethernet	Performance	
Ethernet LAN data rates	10,100,1000 Mbit/s	Antenna type	4x4
Networking standards	IEEE 802.3at	Antennas quantity	4
DHCP server	✓	Power	
Wireless LAN features		Power source type *	PoE
Wi-Fi *	✓	Power consumption (typical)	6.8 W
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Operational conditions	
WLAN data transfer rates supported	600,2402 Mbit/s	Operating temperature (T-T)	-10 - 40 °C
Mobile network		Weight & dimensions	
Data network *	3G, 4G, 5G	Width	111 mm
3G standards	HSPA+, UMTS	Depth	163 mm
4G standard	LTE-A	Height	31 mm
4G bands supported	1500,3500,3700 MHz	Packaging data	
5G bands supported	700,800,850,900,1500,1800,2100,2300,2500,2600,3500,3800,1400 MHz	User guide	✓
Number of SIM cards	1	Package width	177 mm
SIM card type	NanoSIM	Package depth	97 mm
Ports & interfaces		Package height	240 mm
Ethernet LAN (RJ-45) ports	1	Package weight	960 g
Security		Logistics data	
Security algorithms	IPSec, WPA2, WPA3, WPS	Warranty period	5 year(s)
		Other features	
		Data transfer rate	1.3 Gbit/s



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Catalog Object Cloud



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