



## Box FRITZ! 6850 4G wireless router Gigabit Ethernet Dual-band (2.4 GHz / 5 GHz) White

**Brand :** FRITZ!

**Product family:** FRITZ!Box

**Product code:** 20003084

**Product name :** FRITZ!Box  
6850 4G

Box 6850 4G. Wi-Fi band: Dual-band (2.4 GHz / 5 GHz), Top Wi-Fi standard: Wi-Fi 5 (802.11ac), WLAN data transfer rate (max): 1266 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet, Networking standards: IEEE 802.11ac, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n. Mobile network generation: 4G, 3G standards: UMTS, HSPA+, 4G standard: LTE. Security algorithms: WPA3, WPA2. Product type: Tabletop router, Product colour: White, LED indicators: WLAN, Power, WPS



| WAN connection                        |                                                         | Security                         |                     |
|---------------------------------------|---------------------------------------------------------|----------------------------------|---------------------|
| Ethernet WAN *                        | ✓                                                       | Security algorithms              | WPA3, WPA2          |
| 3G/4G USB modem compatibility *       | ✓                                                       | Firewall                         | ✓                   |
| Wireless LAN features                 |                                                         | Guest access                     | ✓                   |
| Wi-Fi band *                          | Dual-band (2.4 GHz / 5 GHz)                             | Stateful Packet Inspection (SPI) | ✓                   |
| Top Wi-Fi standard *                  | Wi-Fi 5 (802.11ac)                                      | Parental control                 | ✓                   |
| WLAN data transfer rate (max) *       | 1266 Mbit/s                                             | Design                           |                     |
| Wi-Fi standards                       | Wi-Fi 5 (802.11ac)                                      | Product colour                   | White               |
| WLAN data transfer rate (first band)  | 400 Mbit/s                                              | LED indicators                   | WLAN, Power, WPS    |
| WLAN data transfer rate (second band) | 866 Mbit/s                                              | Product type *                   | Tabletop router     |
| Network                               |                                                         | Packaging content                |                     |
| Ethernet LAN *                        | ✓                                                       | AC adapter included              | ✓                   |
| Ethernet LAN interface type *         | Gigabit Ethernet                                        | Antenna included                 | ✓                   |
| Networking standards                  | IEEE 802.11ac, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n | Quick installation guide         | ✓                   |
| Media server                          | ✓                                                       | Antenna                          |                     |
| VPN Passthrough                       | ✓                                                       | Antenna design *                 | Internal & external |
| Mobile network                        |                                                         | Features                         |                     |
| Mobile network generation             | 4G                                                      | Languages support                | German              |
| 3G standards                          | UMTS, HSPA+                                             | Firmware upgradeable             | ✓                   |
| 4G standard                           | LTE                                                     | Power                            |                     |
| 4G data rate (max)                    | 300 Mbit/s                                              | Power source type *              | AC                  |
| SIM card type                         | MiniSIM                                                 | AC input voltage                 | 220 V               |
| Ports & interfaces                    |                                                         | Weight & dimensions              |                     |
| Ethernet LAN (RJ-45) ports *          | 1                                                       | Width                            | 208 mm              |
| USB port *                            | ✓                                                       | Depth                            | 150 mm              |
| Management features                   |                                                         | Height                           | 37 mm               |
| Web-based management                  | ✓                                                       | Weight                           | 518 g               |
| Wake-on-LAN ready                     | ✓                                                       | Packaging data                   |                     |
| WPS push button                       | ✓                                                       | Package type                     | Box                 |
| MIMO                                  | ✓                                                       | Number of products included      | 1 pc(s)             |

**Logistics data**

|                   |           |
|-------------------|-----------|
| Warranty period   | 5 year(s) |
| Country of origin | Poland    |



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### **Catalog Object Cloud**



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