



Box FRITZ! 6820 LTE (v3) International

Brand : FRITZ!

Product family: FRITZ!Box

Product code: 20002907

Product name : FRITZ!Box
6820 LTE (v3) International

- Broadband via LTE and 4G
- Online everywhere with UMTS/HSPA+
- Wi-Fi up to 450 Mbit/s with 2.4 GHz
- Network with 1 x gigabit LAN

802.11b/g/n, 1 x 10/100/1000 Base T, RJ45, UMTS/HSPA+/LTE, 64 x 99 x 134 mm

Box 6820 LTE (v3) International. Wi-Fi band: Single-band (2.4 GHz), Top Wi-Fi standard: Wi-Fi 4 (802.11n), WLAN data transfer rate (max): 450 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet, Ethernet LAN data rates: 10,100,1000 Mbit/s, Cabling technology: 10/100/1000Base-T(X). Mobile network generation: 4G, 3G standards: HSPA+, UMTS, 4G standard: LTE-TDD & LTE-FDD. Security algorithms: IPSec, WPA, WPA2, WPS. Supported network protocols: IPv4, IPv6



WAN connection		Security	
Ethernet WAN *	✗	Security algorithms	IPSec, WPA, WPA2, WPS
DSL WAN *	✗	Firewall	✓
SIM card slot *	✓	IP address filtering	✓
3G/4G USB modem compatibility *	✗	Protocols	
Wireless LAN features		DHCP server	✓
Wi-Fi band *	Single-band (2.4 GHz)	Universal Plug and Play (UPnP)	✓
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Supported network protocols	IPv4, IPv6
WLAN data transfer rate (max) *	450 Mbit/s	Design	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Product colour	Red, White
Network		LED indicators	Power, WLAN
Ethernet LAN *	✓	Product type *	Tabletop router
Ethernet LAN interface type *	Gigabit Ethernet	Packaging content	
Ethernet LAN data rates	10,100,1000 Mbit/s	Cables included	LAN (RJ-45)
Cabling technology	10/100/1000Base-T(X)	AC adapter included	✓
Networking standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n	Quick start guide	✓
Dynamic DNS (DDNS)	✓	Antenna	
Mobile network		Antenna design *	Internal
Mobile network generation	4G	Antennas quantity	6
3G	✓	Power	
4G	✓	Power source type *	DC
3G standards	HSPA+, UMTS	Power consumption (typical)	6 W
4G standard	LTE-TDD & LTE-FDD	Weight & dimensions	
4G bands supported	800,850,900,2300,2500,2600 MHz	Width	64 mm
Ports & interfaces		Depth	134 mm
Ethernet LAN (RJ-45) ports *	1	Height	99 mm
USB port *	✗	Packaging data	
Memory card slot(s)	✗	Package type	Box
Management features		Logistics data	
Web-based management	✓	Harmonized System (HS) code	85176990



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