STRONG

Wi-Fi Mesh Home Kit 1200 UK

Mesh embedded

Replace your existing Wi-Fi with a Wi-Fi that simply works!

Using state of art Easy Mesh solution, STRONG's Wi-Fi Mesh Home Kit 1200 combines Mesh technology with the powerful 802.11ac MU-MIMO Wi-Fi standard for ultimate speed and coverage at home.

This package of 2 Mesh Extender 1200 replaces your current Wi-Fi network without changing your modem or router. It brings a super-fast and seamless roaming Wi-Fi network at a speed up to 1200 Mbit/s with coverage up to 200 m^2.

The installation is extremely easy with no configuration and requires no expertise, the kit is ready to use. You simply connect one Mesh Extender 1200 to your existing modem via an Ethernet port and then position the second Mesh Extender 1200 in the room of your choice.

Depending on the size of your house, you can add up to 4x additional Mesh Extender 1200 (up to 6x Mesh Extender 1200 cover an area of up to 800 m^2).

Manage your Wi-Fi Mesh network at a finger touch with the STRONG App available for Android and iOS devices.

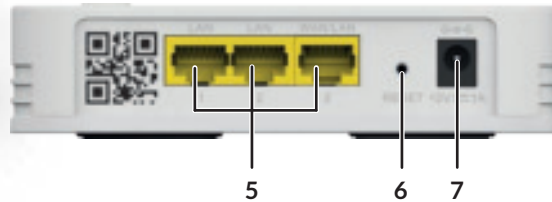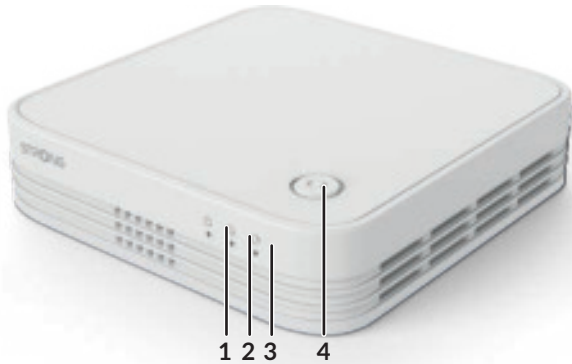| Wi-Fi performance	Coverage & Reliability	Security	Connections
■ Supports 802.11ac/a/b/g/n standards ■ Speed up to 1200 Mbit/s ■ MU-MIMO dual band concurrent ■ 300 Mbit/s @ 2.4 GHz + 867 Mbit/s @5 GHz ■ Works with any standard modem or router	■ Easy MESH Support (MAP R1) for maximum coverage, performance and connectivity ■ Multiple Access Point Configuration ■ Only one Wi-Fi name all over the house ■ Intelligent roaming ■ Wi-Fi Mesh Home Kit 1200 covers up to 200 m^2 ■ Up to 6x Mesh Extender 1200 cover up to 800 m^2 on multiple floors	■ WPA^{TM}/WPA2^{TM} for Wi-Fi security ■ Connect & Secure (WPS) button to add additional Mesh Extender 1200 in minutes ■ Connect & Secure (WPS) button to simply connect your Wi-Fi devices to your Wi-Fi Mesh network	■ 3x Gigabit Ethernet ports to connect any computer, set-top-box, Smart TV, game console, ... ■ STRONG Mesh app to manage your Wi-Fi Mesh network at a finger touch

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1. Power LED
2. WAN LED
3. Pairing LED
4. Connect & Secure (WPS) button
5. 3x Gigabit LAN/ WAN Ethernet ports
6. Reset button
7. Power supply connector

1 2 3 4

5 6 7

Wi-Fi

Frequency	2.4 GHz and 5 GHz concurrent
Standards	IEEE 802.11ac/n/g/b/a, IEEE 802.11d, IEEE 802.11h, IEEE 802.11e, IEEE 802.11i
Signal Rate	5 GHz: Up to 867 Mbit/s
	2.4 GHz: Up to 300 Mbit/s
Security	WPA/WPA-PSK & WPA2/WPA2-PSK
Antenna	4x internal antennas
Transmit Power	Europe: <20 dBm (2.4 GHz), <23 dBm (5 GHz)
Supported Channels	5 GHz: 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112
	2.4 GHz: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Mesh technology

Easy MESH Support (MAP R1)

- Automatically Organized Network
- Auto Configuration
- Seamless Roaming
- Auto MESH Routing
- User Load Balancing
- Auto Healing (Redundancy and Fail-over)
- Intelligent roaming (Band/Channel Steering)

Multiple access point architecture (up to 6x Mesh Extender 1200)

Only one Wi-Fi name all over the house (configuration sharing)

Hardware

Main Chipset	RTL8197FS
Wi-Fi Chipset	RTL8812FR for 5GHz
Ethernet Ports	3x 10/100/1000M WAN/LAN ports (Auto MDI/MDIX)
Button	Connect & Secure (WPS), Reset
LEDs	Power, WAN, Pairing
Power	External power supply, 12 V/1 A DC
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab

Software

Basic Network	DHCP, DNS, IGMP v1/v2, NAT, IPV4/V6, WDS , WPS, WMM
Management	Web User Interface, Time Settings, Configuration Backup/Restore, Firmware Upgrade, System Log
Internet Protocol	IPv4/V6
STRONG Mesh app	Android and iOS downloadable app to manage the Wi-Fi Mesh network

Other specifications

Certification	CE
Power consumption per unit	< 6W
Package contents	2x Mesh Extender 1200
	2x Power Supply Units (12 V/1 A DC)
	1x CAT5E Ethernet Cable
	1x Installation Instructions, Warranty Card
System Requirements	Internet Browser
Environment	Operating temperature: 0° C~+45° C
	Storage temperature: -20° C~+70° C
	Operating humidity: 10%~95% non-condensing
	Storage humidity: 10%~95% non-condensing
Dimensions (WxDxH) per unit	130*130*30 mm
Weight per unit	~220 g

< 200 m² + < 300 m² + < 400 m² + < 500 m² + < 600 m²

EAN MESHKIT1200UK: 9120072373572
PCB: 10 pcs

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