

KEENETIC

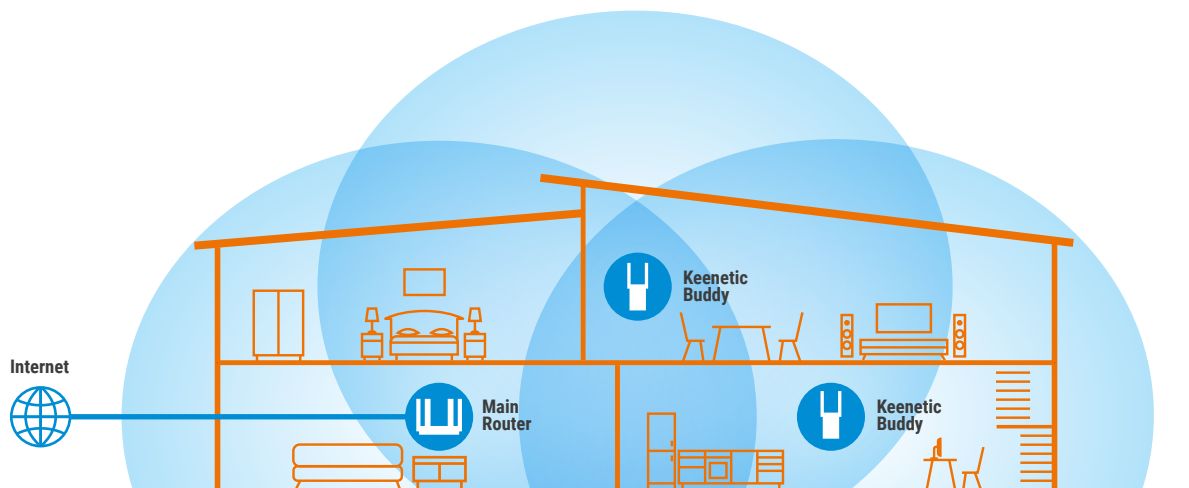


BUDDY 5

AC1200 Mesh Wi-Fi 5 Range Extender with Ethernet Port

Buddy delivers freedom to enjoy reliable, continuous and secure Wi-Fi where YOU want. By strategically connecting Keenetic Buddies to an existing network, regardless of router brand, 'No-Go zones' and areas with poor signal are eliminated, and competition for Wi-Fi hot spots removed. Keenetic Buddy is ideal for families with simultaneous multi-device needs, heavy users and businesses alike. Set up is easy, all you need to achieve a real Whole Home

Wi-Fi network are a power outlet and a few moments of your time. Adding Keenetic Buddies to any Keenetic Mesh Wi-Fi router will create a centrally managed, multi-node, multi-segment, Whole-Home Wi-Fi System with flexible, rules-based seamless roaming, and capable of leveraging existing Ethernet wiring or wireless Mesh connections.



Key features

- **Model number:** KN-3311
- **CPU:** MT7628N 580 MHz
- **RAM:** 128 MB DDR2
- **Flash memory, Dual Image:** 32 MB
- **Wi-Fi class:** AC1200
- **Antennas:** 3 dBi
- **Ethernet ports:** 1 x 100 Mbps
- **WPS/Wi-Fi button**
- **Mesh Wi-Fi System**

Performance

- **2.4 GHz Wi-Fi network:** 300 Mbps (802.11n)*
- **5 GHz Wi-Fi network:** 867 Mbps (802.11ac)*

Wireless network

- **Seamless roaming 802.11k/r/v**
- **MU-MIMO**
- **Airtime Fairness**
- **Beamforming**
- **WEP, WPA-PSK**
- **WPA2-PSK, WPA2-Enterprise**
- **WPA3-PSK, WPA3-Enterprise, OWE**
- **Multi-SSID and Guest Network**
- **Access control by MAC address**
- **Wi-Fi Multimedia (WMM)**

Features and protocols

- **Direct or cloud access via KeenDNS**

Troubleshooting and management

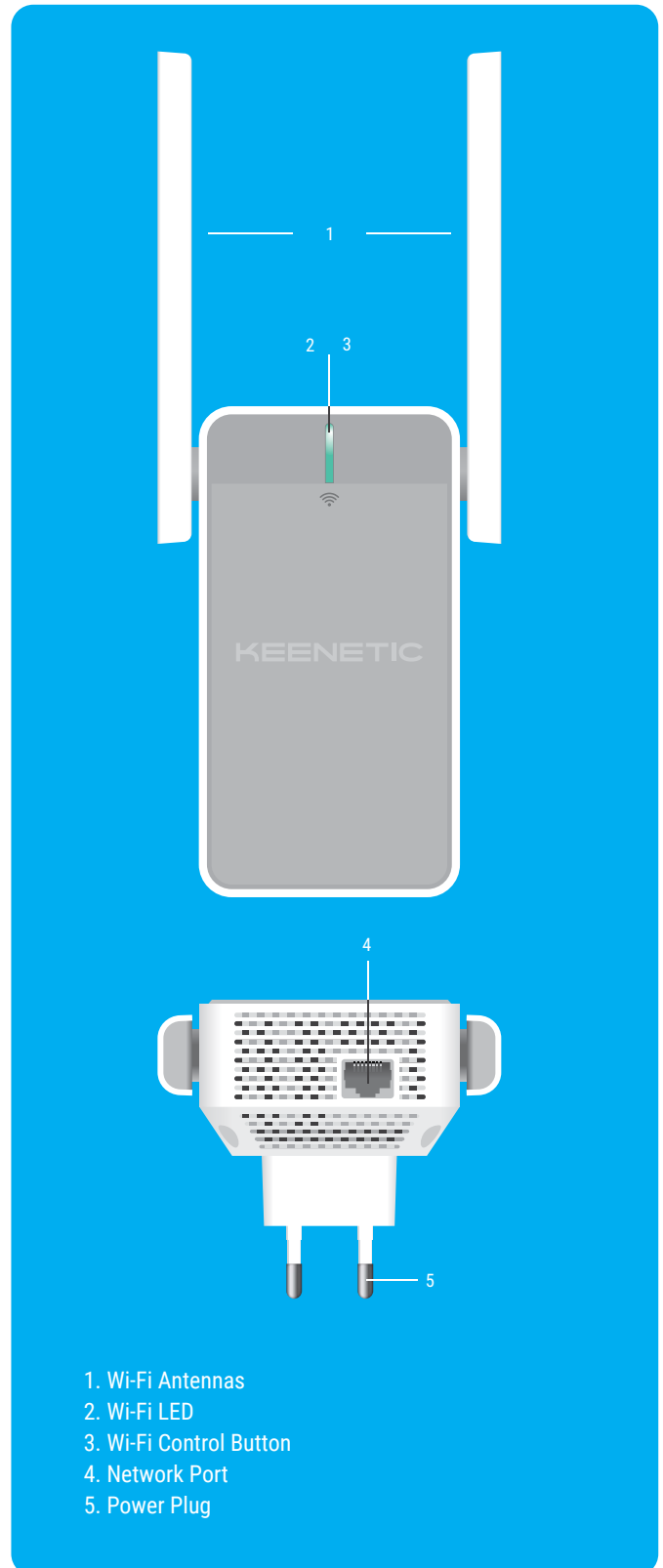
- **Cloud-based Remote Network Monitoring and Management**
- **Mobile app for Android and iOS**
- **Web Interface with the Initial Setup Wizard and HTTPS security**
- **Command Line (CLI) via TELNET/SSH**
- **An option to control from external network**
- **Backup and restore configuration**
- **Automatic OS updates**
- **System event logging**

Physical specifications and environment requirements

- **Device dimensions excluding antenna, w x d x h:**
68 mm x 41 mm x 128 mm
- **Device weight:** 204 g
- **Operating temperature:** 0–40 °C
- **Operating humidity:** 20–95% non-condensing
- **Power supply voltage:** 100–240 V 50/60 Hz

Package contents

- **Device**
- **Ethernet cable**
- **Quick start guide**



Ordering information

| Model name | Part number | Short description |
|----------------------------|---------------|---|
| Keenetic Buddy 5 (KN-3311) | KN-3311-01-EU | AC1200 Mesh Wi-Fi 5 Range Extender with Ethernet Port |

* 867 and 300 Mbps are maximum wireless signal rates derived from the 802.11ac/802.11n specifications, used when connecting to clients using two spatial streams and an 80/40 MHz channel bandwidth for transmission and reception. Actual data throughput and wireless coverage will vary and may be lowered by the features and settings of the equipment, the number of client devices in the network, obstacles to signal propagation, the presence of other wireless networks, and/or radio interference.

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