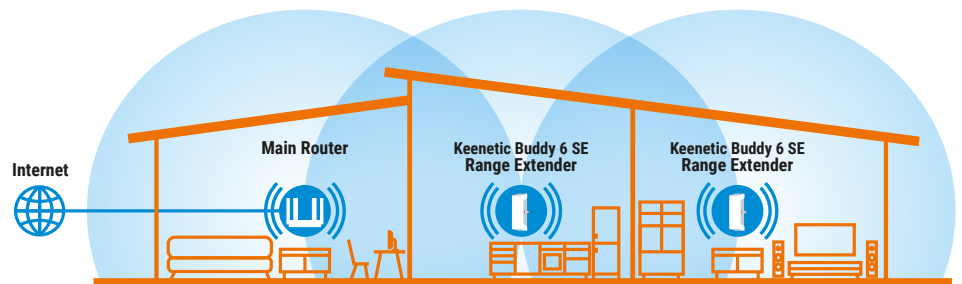




BUDDY 6 SE

AX3000 Mesh Wi-Fi 6 Range Extender with Gigabit Ethernet Port

- Extends Wi-Fi coverage to the whole home, use with any Wi-Fi router
- Unique Mesh Wi-Fi capabilities with Keenetic routers
- 4-in-1: Mesh Extender, Range Extender, Access Point and Wi-Fi Bridge



Unique Whole Home and Mesh Wi-Fi Capabilities

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 brand¹, '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.

¹ Your Keenetic Buddy can be used with any Wi-Fi router, however the availability of some advanced features will be dependent on using a Keenetic Mesh Wi-Fi router.

Key features

- Model number: KN-4410
- CPU: MT7981B 1300 MHz, dual core
- RAM: 256 MB DDR3
- Flash memory, Dual Image: 128 MB
- Wi-Fi class: AX3000
- Ethernet ports: 1 x 1 Gbps
- WPS/Wi-Fi button
- Mesh Wi-Fi System

Performance

- 2.4 GHz Wi-Fi network: 574 Mbps (802.11ax)*
- 5 GHz Wi-Fi network: 2402 Mbps (802.11ax)*

Wireless network

- Seamless roaming 802.11k/r/v
- MU-MIMO
- Airtime Fairness
- Beamforming
- OFDMA
- 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:
78 mm x 37 mm x 164 mm
- Device weight: 244 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

*2402 and 574 Mbps are maximum wireless signal rates derived from the 802.11ax specification, used when connecting to clients using four spatial streams and an 160/40 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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Ordering Information

Model name	Part number	Short description
Keenetic Buddy 6 SE (KN-4410)	KN-4410-01-EU	AX3000 Mesh Wi-Fi 6 Range Extender with Gigabit Ethernet Port

