KEENETIC

EXPLORER

AC1200 Mesh Wi-Fi 5 Router/Extender with a 4-Port Smart Switch

- Continuous Fast Reliable Internet
- Smooth 4K UHD Video Streaming
- More Coverage, Less Wi-Fi Dark Spots

- IntelliQoS Traffic Prioritization
- Cyberthreat Protected & Family Safe
- Mesh Wi-Fi Extender Mode

UNIQUE WHOLE HOME AND MESH WI-FI CAPABILITIES

Keenetic routers deliver reliable, continuous and secure Wi-Fi in domestic and business environments. Keenetic's modular approach allows users to build Wi-Fi Systems optimized for current and future user demand and equipment. Grow from an initial single Keenetic router to a centrally-managed multi-node Wi-Fi System simply by adding Keenetic devices. This Keenetic device has been specifically designed to be used either as a main router or a powerfully flexible network extender, connectable via hi-speed ethernet or wirelessly, bringing Keenetic's unique Mesh Wi-Fi benefits and seamless roaming throughout your home or office, regardless of the structure and dimension of the location.

CONTINUOUS RELIABLE INTERNET

Your Keenetic gives you the freedom to use more than one ISP regardless of the connection types and service packages you have signed up for. A real stand out feature of your Keenetic is the capacity to connect easily to multiple ISPs simultaneously for failover and load balancing using Fast Ethernet and Wi-Fi links. If you experience a break in service from an ISP, your Keenetic router will automatically and seamlessly switch to a different working ISP so your smart home will stay smart 24/7.

ROBUST CYBERTHREAT PROTECTION

Your Keenetic comes with security options preconfigured for safe operation in the home, right out of the box. Like no other home router Keenetic deploys bank-grade digital HTTPS certificates to secure device management sessions, offers network segmentation to isolate and guard the traffic of smart home IoT gadgets, and performs fully automatic regular software updates to maintain constant market-leading levels of security, reliability, performance.
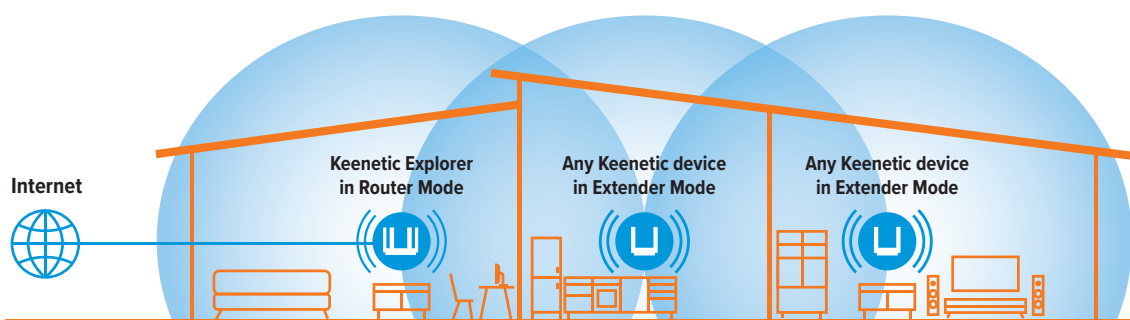
PARENTAL CONTROL TOOLS

Keenetic has cloud-based Content Filtering and Ad Blocking options from AdGuard, CleanBrowsing, Cloudflare, Neustar, NextDNS, OpenDNS, Quaud9 and SafeDNS. Undesirable images or information, time-stealing games, and social media as well as aggressive round the clock marketing can all be managed and kept out of your family life. Each member of your family has an individual content filtering profile and scheduling function – only allowing Internet access when you choose. With one click, you can control your children's Internet usage.

SMART HOME AND IOT-READY

Keenetic Mesh Wi-Fi Routers' superb coverage, uninterrupted connections and enhanced security make them ready for tomorrow's fully-connected home and business environments. Connected devices suffer virus and other criminal attacks — Keenetic routers have advanced Network Segmentation and Cloud-based cyberthreat protection to stop infection and prevent Spyware on any device in your Keenetic network. Using the IntelliQoS application prioritization feature, Keenetic users can prioritize, throttle or block individual applications to ensure bufferless streaming and fast, lag-free, gaming, and be confident that their work from home experience will be uninterrupted.

FRIENDLY, EASY TO USE APP

By pairing your Keenetic device to the Keenetic App, you can manage your multi-node Mesh Wi-Fi System, including multiple locations, from anywhere in the world. Within minutes, you can control home networks, see connected and registered devices, and enable securely isolated Wi-Fi for your guests. Setting up weekly schedules for members of your family, monitoring their Internet activity, managing content restrictions or pausing the Internet from the palm of your hand could not be simpler.

GET IT ON Google Play

Download on the App Store

Internet

Keenetic Explorer in Router Mode

Any Keenetic device in Extender Mode

Any Keenetic device in Extender Mode

KEY FEATURES

- **Model number**: KN-1613
- **CPU**: MT7628N 580 MHz
- **RAM**: 128 MB DDR2
- **Flash memory, Dual Image**: 32 MB
- **Wi-Fi class**: AC1200
- **Antennas**: 5 dBi
- **Ethernet ports**: 4 x 100 Mbps
- **WPS/Wi-Fi button**
- **Mesh Wi-Fi System**: Yes, with the physical selector

PERFORMANCE

- **2,4 GHz Wi-Fi network**: 300 Mbps (802.11n)*
- **5 GHz Wi-Fi network**: 867 Mbps (802.11ac)*
- **IPoE/PPPoE routing**: Up to 95 Mbps
- **L2TP/PPTP routing**: Up to 95 Mbps

WIRELESS NETWORK

- **Seamless roaming 802.11k/r/v**
- **MU-MIMO**
- **Airtime Fairness**
- **Beamforming**
- **Pre-configured Wi-Fi protection**
- **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

- **IPoE, PPPoE, PPTP, L2TP, 802.1x**
- **Multi-WAN**
- **Policy routing**
- **Internet connection backup**
- **Ping Check connectivity monitor**
- **PPPoE/PPTP/L2TP pass-through**
- **VLAN IEEE 802.1Q**
- **Routing table (DHCP/Manual)**
- **IntelliQoS**
- **DHCP (client/server)**
- **IPv6 Dual Stack**
- **NAT**
- **IGMP**
- **UDP to HTTP proxy**
- **UPnP**
- **Manual port forwarding**
- **SPI firewall with protection against DoS attacks**
- **PPTP (client/server)**
- **L2TP over IPSec client/server**
- **OpenVPN client/server**
- **SSTP client/server**
- **Ethernet-over-IP, IP-IP, GRE**
- **IPsec VPN (client/server)**
- **WireGuard**
- **Dynamic DNS client**
- **Direct or cloud access via KeenDNS**
- **HTTPS security for access via KeenDNS**
- **SafeDNS parental control**
- **AdGuard ad blocker**
- **Traffic statistics per client**
- **Bandwidth limit per client**
- **Access schedule per client or interface**
- **Guest hotspot with authentication (Captive Portal)**
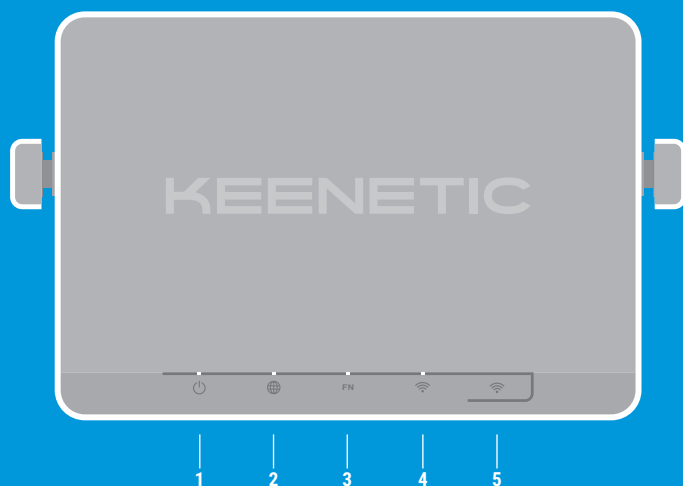
TROUBLESHOOTING AND MANAGEMENT

- **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**

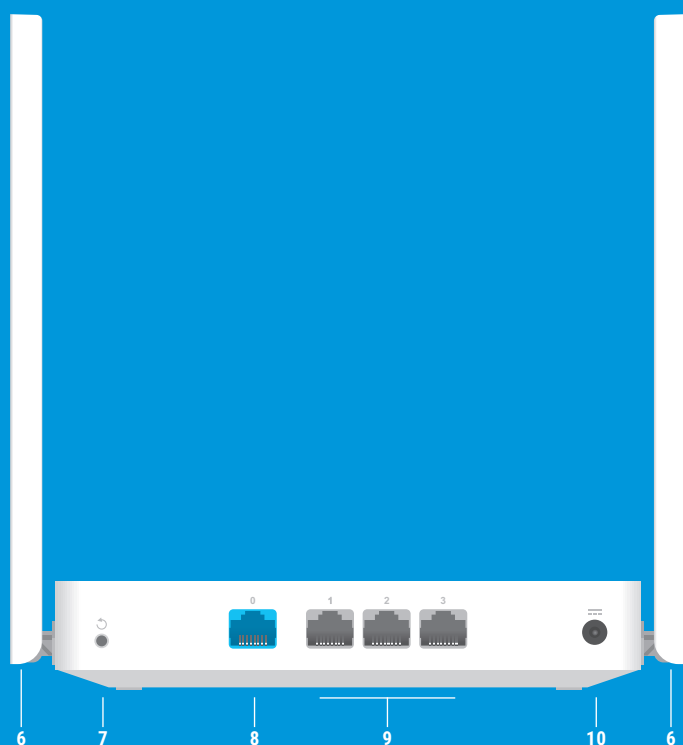## PHYSICAL SPECIFICATIONS AND ENVIRONMENT REQUIREMENTS

- **Device dimensions excluding antenna, w x d x h**: 159 mm x 110 mm x 29 mm
- **Device weight**: 248 g
- **Operating temperature**: 0–40 °C
- **Operating humidity**: 20%–95% non-condensing
- **Power supply voltage**: 100–240 V 50/60 Hz

PACKAGE CONTENTS

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

1. Status LED
2. Internet LED
3. FN LED
4. Wi-Fi LED
5. Wi-Fi Control Button
6. Wi-Fi Antennas
7. Reset Button
8. Network port 0, WAN by default
9. Network ports 1-3, LAN by default
10. DC Power Socket
11. Operating Mode Switch

ORDERING INFORMATION

Model name	Part number	Short description
Keenetic Explorer (KN-1613)	KN-1613-01-EU	AC1200 Mesh Wi-Fi 5 Router/Extender with a 4-Port Smart Switch

* 867 and 300 Mbps are maximum wireless signal rates derived from 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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