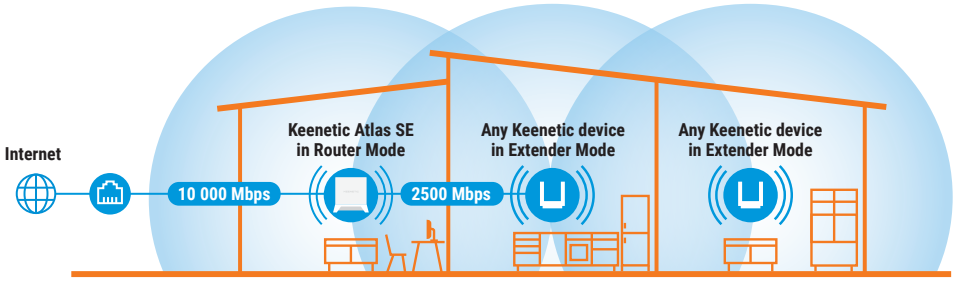


KEENETIC ATLAS SE

BE7200 Mesh Wi-Fi 7 Multi-Gigabit Router/Extender with a 6-Port Smart Switch (1 × 10G, 1 × 2.5G, 4 × 1G)

- **Get fast internet access up to 10 Gbps and stay online using multiple internet providers at the same time**
- **Extend Wi-Fi coverage with high-power Wi-Fi and advanced Mesh Wi-Fi capabilities**
- **Stay protected with cybersecurity, parental controls and separate networks for personal devices, children's devices, smart home devices and guests**
- **Enjoy smoother gaming, streaming and video calls with application-aware traffic prioritisation**
- **Choose router or extender mode with the convenient slide switch**



Unique Whole-Home and Mesh Wi-Fi Capabilities

Wi-Fi is essential to the modern home. Keenetic routers help deliver reliable, continuous and secure Wi-Fi throughout your home. Starting with one main Keenetic router, as your needs grow, you can add Keenetic devices as Wi-Fi extenders to grow from a single-node system to a centrally managed multi-node Whole-Home Wi-Fi System. Wi-Fi System configuration can be optimised to suit your personal performance and usage requirements by using existing Ethernet wiring to connect extenders or wireless Mesh connections. The multi-node Keenetic Wi-Fi System helps provide seamless roaming throughout your home, regardless of its layout and size.

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 Multi-Gigabit Ethernet and Wi-Fi links. If you experience a break in service from one internet provider, your Keenetic router will automatically and seamlessly switch to another available connection to help keep your smart home online 24/7.

Robust Cyberthreat Protection

Your Keenetic comes with security options preconfigured for safe operation right out of the box. It deploys bank-grade digital HTTPS certificates to secure device management sessions, offers network segmentation to isolate and guard the traffic of smart home IoT devices, and carries out regular, fully automatic software updates to maintain constant, market-leading levels of security, reliability and performance.

Smart Home and IoT Ready

Keenetic Mesh Wi-Fi routers offer superb coverage, uninterrupted connections and enhanced security, making them ready for tomorrow's fully connected home and business environments. Connected devices can be exposed to viruses and other cyberattacks — Keenetic routers have advanced network segmentation and cloud-based cyberthreat protection to help stop infection and prevent spyware on any device in your Keenetic network. Using the IntelliQoS application prioritisation feature, Keenetic users can prioritise, throttle or block individual applications to help ensure bufferless streaming, fast lag-free gaming and an uninterrupted work-from-home experience.

Parental Control Tools

Keenetic has cloud-based content filtering and ad-blocking options from AdGuard, CleanBrowsing, Cloudflare, Control D, NextDNS, OpenDNS, Quad9 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, allowing internet access only when you choose. With one click, you can control your children's internet use.

Easy-to-Use App

By pairing your Keenetic device with 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 family members, monitoring their internet activity, managing content restrictions or pausing internet access from the palm of your hand could not be simpler.

Fully Capable for Complex Business Needs

Small businesses can benefit from Keenetic's business-class performance, security and reliability. Keenetic routers are suitable for home offices, remote workers, small offices, retailers, medical and dental practices, real estate agencies and hospitality providers, including bars and restaurants. Keenetic delivers easy-to-use, genuine business-class features through a multi-node Wi-Fi System, offering many advantages:

- Uninterrupted internet access with failover and load balancing;
- Higher employee productivity through continuous connectivity and protection from online threats;
- Secure connectivity for branch offices, remote workers and telecommuters using VPN technology;
- Protection against information leaks using traffic and network resource segmentation;
- Guest Wi-Fi for visitors using built-in hotspot options;
- Cloud-based remote monitoring and management for multi-site networks.

GET IT ON Google Play

Download on the App Store

Key features

- Model number: KN-4310
- CPU: MT7988D 1800 MHz, triple core
- RAM: 512 MB DDR4
- Flash memory, Dual Image: 256 MB
- Wi-Fi 2.4 + 5 GHz
- Wi-Fi class: BE7200
- Wi-Fi antennas:
  2.4 GHz: 4 internal
  5 GHz: 5 internal
  Zero wait DFS: 1 internal
- Wi-Fi client capacity: Up to 512 in 2.4 & 5 GHz (shared)
- Ethernet ports: 1 × 10 Gbps,
  1 × 2.5 Gbps, 4 × 1 Gbps
- Link aggregation: Static (ports 1 + 2, 3 + 4)
- WPS/Wi-Fi button
- Mesh Wi-Fi System: Yes, with the physical selector
- DFS support: Zero Wait DFS (ch. 52–140)

Performance

- 2.4 GHz Wi-Fi network:
  1376* Mbps (802.11be)
  4T × 4R: 4SS, 40 MHz
- 5 GHz Wi-Fi network:
  5764* Mbps (802.11be)
  4T × 5R: 4SS, 160 MHz
- IPoE/PPPoE: Up to 10 000 Mbps
- L2TP/PPTP routing: Up to 3000 Mbps
- WireGuard throughput: Up to 900 Mbps

Wireless network

- Seamless roaming 802.11k/r/v
- MU-MIMO
- Airtime Fairness
- Beamforming
- OFDMA
- Multi-Link Operation (MLO)
- Preamble Puncturing
- Pre-configured Wi-Fi
- WEP, WPA-PSK
- WPA2-PSK, WPA2-Enterprise
- WPA3-PSK, WPA3-Enterprise, OWE
- Multiple Wi-Fi networks: Up to 7
- 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
- Cloudflare DNS
- 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

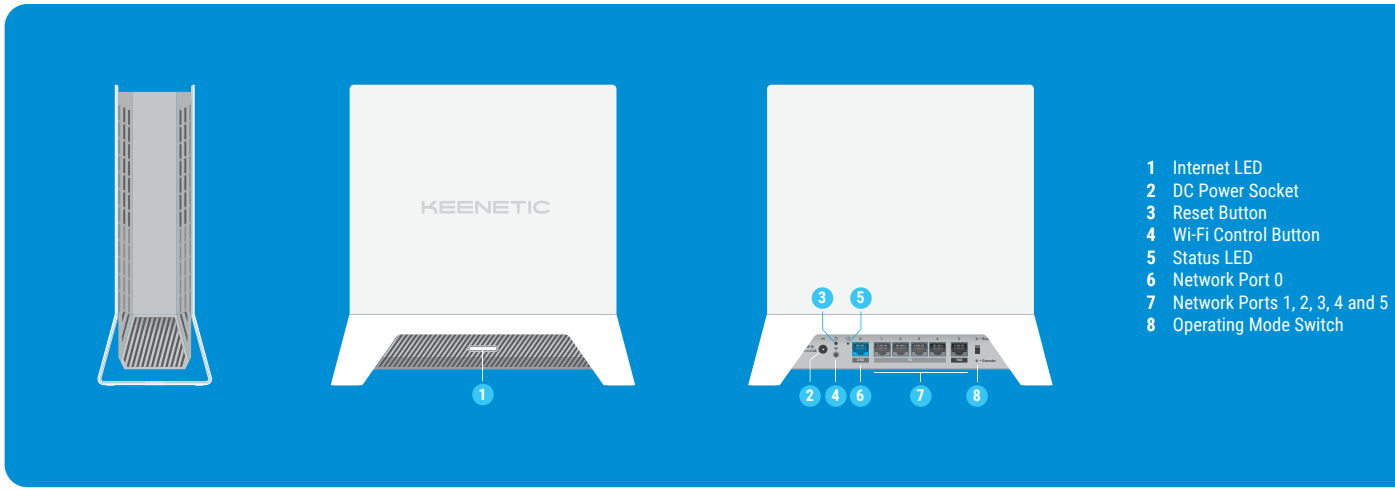
- Cloud-based Remote Network Monitoring and Management
- Mobile app for Android and iOS
- Web Interface with the Initial Setup Wizard and HTTPS security
- Command Line (CLI) via TELNET/SSH
- An option to control from external network
- Backup and restore configuration
- Automatic OS updates
- System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

Physical specifications and environment requirements

- Device dimensions, w × d × h:
  95 mm × 250 mm × 250 mm
- Device weight: 1022 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: 12 V 2.5 A
- Ethernet cable
- Pole and wall mount kits
- Quick start guide



1 Internet LED
2 DC Power Socket
3 Reset Button
4 Wi-Fi Control Button
5 Status LED
6 Network Port 0
7 Network Ports 1, 2, 3, 4 and 5
8 Operating Mode Switch

Ordering Information

Model name	Part number	Short description
Keenetic Atlas SE (KN-4310)	KN-4310-01-EU	BE7200 Mesh Wi-Fi 7 Multi-Gigabit Router/Extender with a 6-Port Smart Switch (1 × 10G, 1 × 2.5G, 4 × 1G)

*5764 and 1376 Mbps are maximum wireless signal rates derived from the 802.11be specifi cation, used when connecting to clients with four spatial streams and 160/40 MHz channel bandwidths for transmission and reception. Actual data throughput and wireless coverage will vary and may be reduced 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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