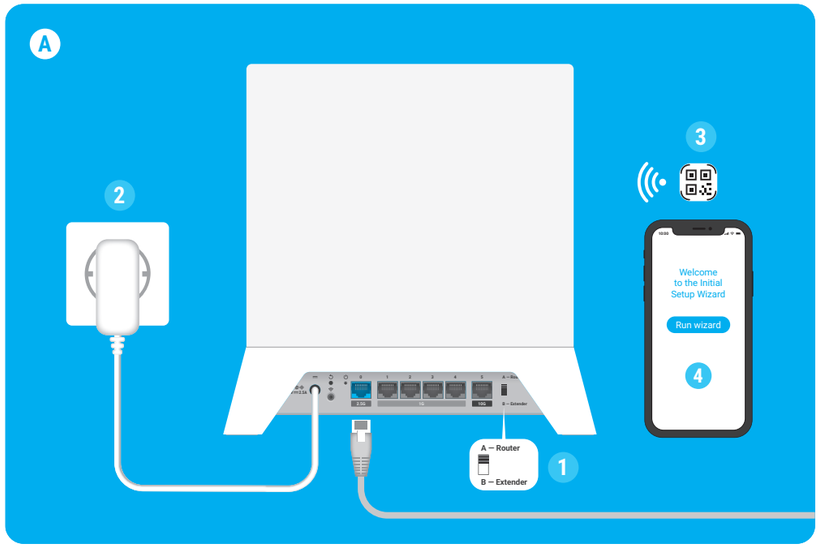
KEENETIC ATLAS SE

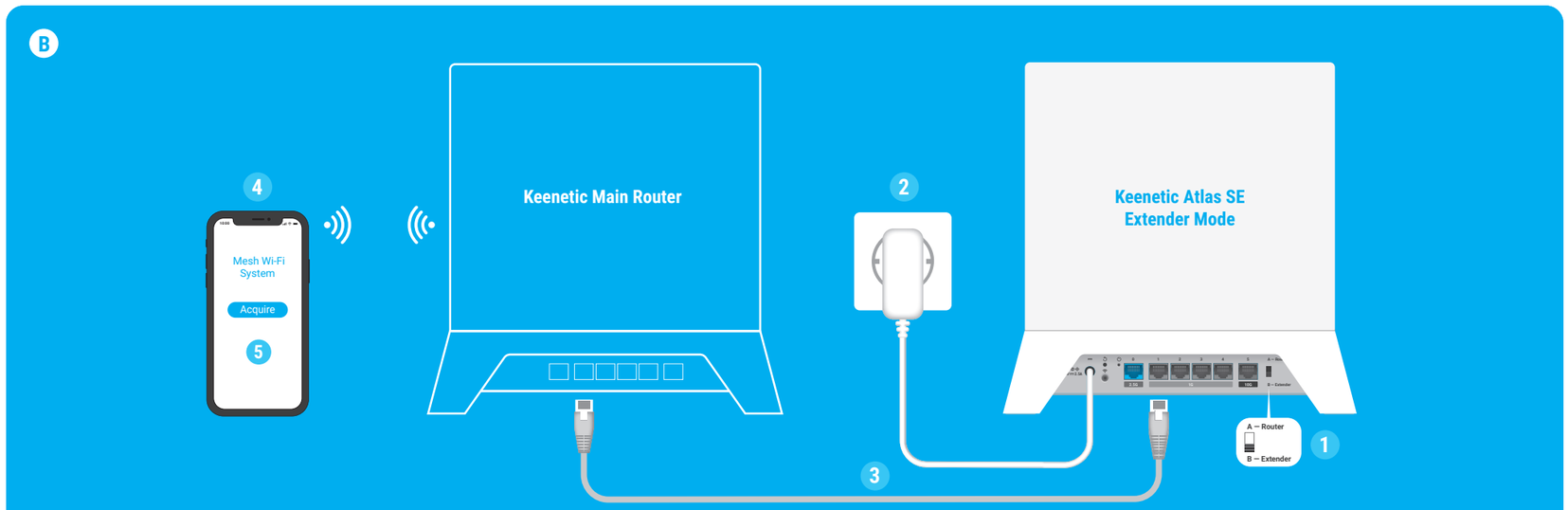
Quick Start Guide

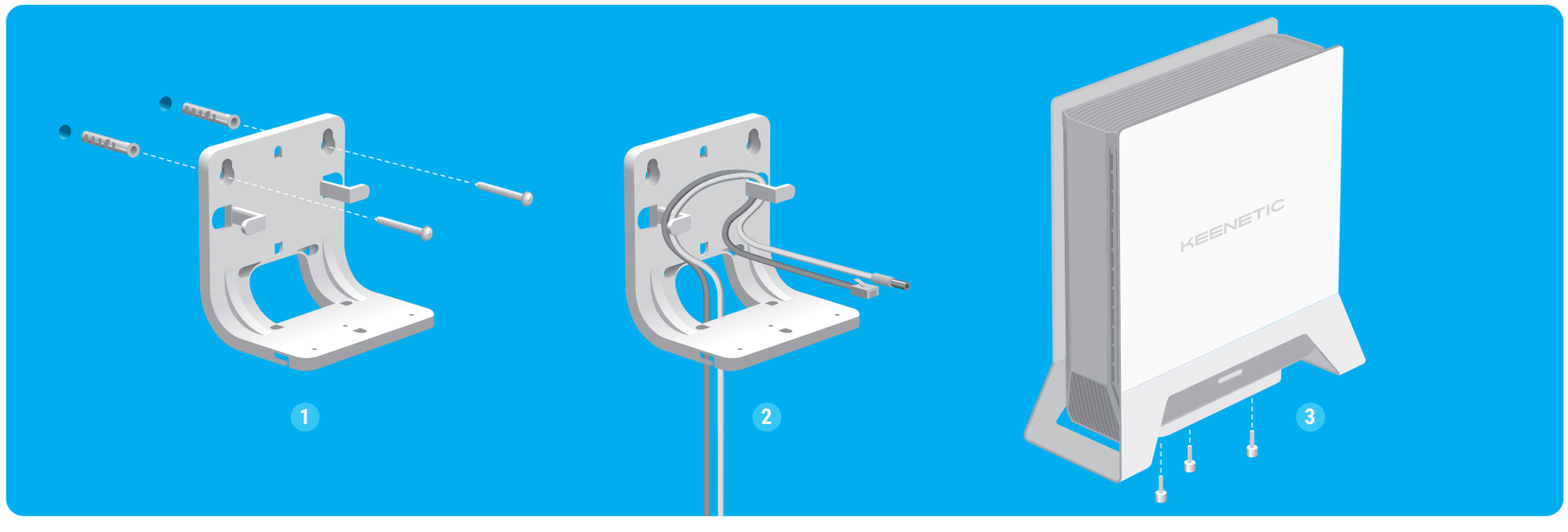
BE7200 Mesh Wi-Fi 7 Multi-Gigabit Router/Extender
with a 6-Port Smart Switch (1×10G, 1×2.5G, 4×1G)

KN-4310

Deutsch, Francais, Español, Italiano, Български, Čeština, Dansk, Ελληνικά, Eesti, Suomi, Hrvatski, Magyar, Қазақша, Lietuviu, Latviski, Nederlands, Norsk, Polski, Português, Română, Русский, Slovenský, Slovenščina, Srpski, Svenska, Türkçe, Українська.
https://keenetic.com/qsg/kn-4310







Creating a New or Extending an Existing Network

Keenetic devices can be used together as a centrally managed Mesh Wi-Fi System. You can use this Keenetic Atlas SE, referred to as your 'Keenetic device', either as the main router for a new network or as an extender for an existing Keenetic network.

To create a new network, set the Operating Mode Switch to position **A** — Router Mode.

To extend an existing Keenetic network, set the Operating Mode Switch to position **B** — Extender Mode.

A. Connecting Your Keenetic Atlas SE to the Internet

1. Set the Operating Mode Switch on the back panel to position **A** — Router Mode.
2. Position your Keenetic device within reach of the Ethernet and power sockets. For better wireless coverage, place it in an open, well-ventilated area. Connect your Keenetic device to a power source and wait until the **Internet LED** is on and not flashing.
3. Connect a mobile device to your Keenetic device over Wi-Fi. The default Wi-Fi name (SSID) and Wi-Fi password are printed on the label on your Keenetic device, together with a QR code. Scan the QR code to connect your mobile device to the Keenetic device's Wi-Fi network. Alternatively, connect a computer to a grey Ethernet port on your Keenetic device using the supplied Ethernet cable.
4. Once connected, the **Initial Setup Wizard** should open automatically on your mobile device or computer. If the Wizard does not appear, open a web browser, go to **my.keenetic.net**, and follow the setup instructions.

Note: If the **Initial Setup Wizard** still does not appear, refer to the Frequently Asked Questions section of this guide.

B. Extending Your Existing Network Coverage

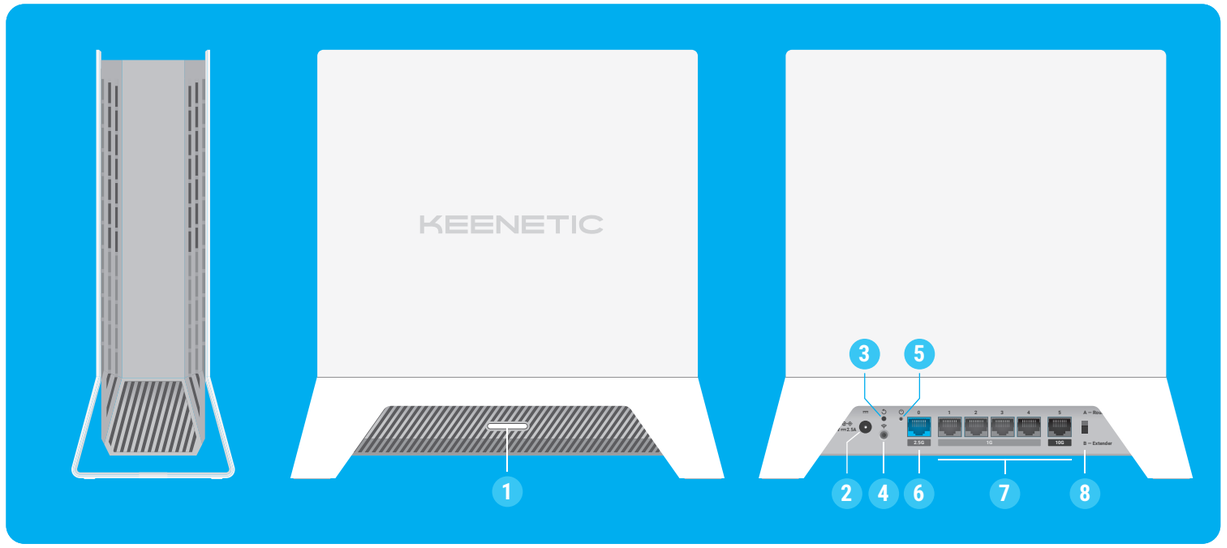
1. On the Keenetic Atlas SE that you want to use as an extender, set the Operating Mode Switch on the back panel to position **B** — Extender Mode.
2. Connect the extender to a power source and wait until its **Internet LED** starts flashing red.
3. Make sure that your Keenetic Main Router is powered on and connected to the Internet. Connect the extender to the Main Router using the supplied Ethernet cable. To connect wirelessly instead, place the devices close to each other and press the **Wi-Fi Control Button** on both devices at the same time. Wait until the **Internet LED** on the extender starts flashing blue.
4. Connect a mobile device or computer to the network of your Keenetic Main Router.
5. Open the Keenetic web interface at **my.keenetic.net** and log in to the Main Router, or open the Keenetic mobile application. Go to the **Wi-Fi System** section and select **Acquire** to add the extender to your Mesh Wi-Fi System. Wait until the process is complete.

After the extender has been added, disconnect it from the Main Router if you used a temporary Ethernet cable, and place it where you want to extend Wi-Fi coverage. A Keenetic Mesh Wi-Fi System supports both wired and wireless connections between the Main Router and extenders. For better performance, use a wired connection where possible. The **Internet LED** is solid green when the extender has a good connection to the Main Router, or solid blue when the connection is not optimal.

Mounting on a Wall

1. Place the mounting bracket in the required position. Before drilling, check that the mounting position is clear of concealed electrical wiring, network cables and pipes. Mark the positions for the two screw holes, then drill a 6 mm diameter hole at each mark. Insert the ribbed plastic wall plugs into the holes. For hollow walls, use the supplied hollow-wall anchors instead. Drive the self-tapping screws into the wall plugs or hollow-wall anchors, leaving approximately 3 mm of each screw exposed. Fit the mounting bracket onto the screws and pull it down to secure it in place.
2. Feed the power and Ethernet cables through the opening in the bracket. Leave only enough cable to reach the corresponding ports on the device. If necessary, wrap any excess cable around the cable holder. Connect the cables to the device while holding it slightly above the mounting bracket.
3. Place the device on the mounting bracket, aligning the raised points on the bracket with the corresponding recesses on the device. Secure the device by inserting and tightening the three thumb screws.

For technical support and other information, please visit
support.keenetic.com



Keenetic Atlas SE Details

1 Internet LED (Router Mode)

Solid green — Internet connection is established.
Flashing green — The operating system is starting up, restarting or updating.
Solid red — No Internet connection.
Off — The Keenetic device is powered off.

Internet LED (Extender Mode)

Solid green — The connection to the Main Router is good, and Internet access is available.
Flashing green — The operating system is starting up, restarting or updating.
Solid blue — Internet access is available, but the connection to the Main Router is not optimal.
Flashing blue — The Keenetic device is using factory default settings, is connected to the Main Router, and has not yet been added to the Mesh Wi-Fi System.
Solid red — No connection to the Main Router or no Internet access.
Flashing red — The Keenetic device is using factory default settings and is waiting to be added to the Mesh Wi-Fi System.
Off — The Keenetic device is powered off.

2 DC Power Socket

Connect the supplied power adapter here. Use only the power adapter supplied with your Keenetic device. The Keenetic device has no power switch and is designed for continuous operation. To turn it off, unplug the power adapter from the mains socket.

3 Reset Button

Use this button to restore the factory default settings of your Keenetic device. This also resets the administrator password and removes the current configuration. For reset instructions, see the Frequently Asked Questions section of this guide.

4 Wi-Fi Control Button

By default, this button starts a quick Wi-Fi connection session for adding Keenetic extenders to your Mesh Wi-Fi System or connecting WPS-compatible wireless devices. You can assign another function to this button if necessary.

Press once — Starts a WPS session on the 2.4 GHz Wi-Fi network.

Press twice — Starts a WPS session on the 5 GHz Wi-Fi network.

Press and hold for 3 seconds — Turns Wi-Fi on or off.

5 Status LED

Solid green — The Keenetic device is powered on.
Flashing green — A quick Wi-Fi connection session is in progress.
Flashing blue — The **Wi-Fi Control Button** has been pressed and the assigned function has started.
Flashing red — The **Wi-Fi Control Button** has been pressed and the assigned function has stopped.
Off — The Keenetic device is powered off.

6 Network Port 0

The blue port marked **0** is a 2.5 Gbps Ethernet port. By default, it is used for Internet connection, but it can be reconfigured for home network devices. Its LED is on when a connection is established and flashes during data transfer.

7 Network Ports 1, 2, 3, 4 and 5

Ports **1**, **2**, **3** and **4** are Gigabit Ethernet ports. Port **5** is a 10 Gbps Ethernet port. By default, these ports are used for home network devices, but they can be reconfigured for Internet connection. Each port LED is on when a connection is established and flashes during data transfer.

8 Operating Mode Switch

A — Router Mode.
B — Extender Mode.

Management Options

The **Keenetic web interface** provides access to device settings and configuration options. It adapts to both computer and mobile phone screens. To open it, connect to your Keenetic device and go to **my.keenetic.net** in a web browser. You can also use the free KeenDNS service to set up a private domain name for HTTPS-protected remote access to your network.

The **Keenetic mobile application** lets you manage your home network from an iOS or Android device. Use it for routine tasks such as viewing connected devices, managing parental controls and monitoring traffic. You can download the Keenetic App from the App Store or Google Play.

Scan the QR code to download the Keenetic App.

The **Keenetic remote monitoring and management system** is a cloud-based service for small and medium-sized business networks. It helps you monitor and manage multiple Keenetic networks remotely. Visit **rmm.keenetic.com** to learn more.

Frequently Asked Questions

What should I do if I cannot access the Initial Setup Wizard or the Keenetic web interface?

1 Make sure that your mobile device or computer is connected to your Keenetic device over Wi-Fi or with an Ethernet cable, and is set to obtain an IP address and DNS server addresses automatically.
2 Check that you have entered the correct address: **my.keenetic.net**, **192.168.1.1** or **192.168.2.1**. We recommend using my.keenetic.net.
3 Restart your mobile device or computer and your Keenetic device.
4 If you still cannot access the page, reset your Keenetic device following the reset instructions in this section.

What should I do if I cannot access the Internet with my Keenetic device?

1 If the **Internet LED** on the Keenetic Main Router is not solid green, contact your ISP to confirm that the Internet service is active and that the connection settings are correct, including the username and password, authentication protocol, VLAN ID and MAC address, if required. Make any necessary changes.
2 If the **Internet LED** on the Keenetic Main Router is solid green, check the wired or Wi-Fi connection between the Keenetic Main Router and your home network devices, including any Keenetic extenders.

Can I connect a Keenetic Extender to a non-Keenetic main router?

Yes, if the main router supports WPS. Set your Keenetic device to **Extender Mode** and press the **Wi-Fi Control Button**. Within two minutes, start a WPS connection on the main router by pressing its WPS button or using its WPS settings.

After connection, the Keenetic Extender will use the Wi-Fi name and password of the main router. The **Internet LED** on the extender will start flashing blue.

To complete setup or change extender settings, open the user interface of the main router and find the IP address assigned to the Keenetic Extender. Enter this IP address in a web browser to open the Keenetic web interface on the extender.

What should I do if I forget my Wi-Fi password?

The default Wi-Fi password is printed on the label on your Keenetic device. If your Keenetic device is used as an extender in a Mesh Wi-Fi System, use the Wi-Fi password of the Keenetic Main Router.

If the Wi-Fi password has been changed and forgotten, you can view or change it in the Keenetic web interface or the Keenetic mobile application.

If you cannot access the device settings, reset your Keenetic device following the reset instructions in this section.

What should I do if I cannot add an extender to the Keenetic Mesh Wi-Fi System?

Make sure that the **Operating Mode Switch** on the back panel of the extender is set to **B** — **Extender Mode**. If the switch is in the correct position, restore the factory default settings of the extender following the reset instructions in this section, then try adding it to the Mesh Wi-Fi System again.

What should I do if I forget the password for the Keenetic web interface?

To create a new administrator password, restore the factory default settings of your Keenetic device as described in this section.

How do I restore the factory default settings on my Keenetic device?

Make sure that your Keenetic device is connected to a power supply. Press and hold the **Reset Button** until the **Status LED** starts flashing rapidly, then release the button and wait while the device restarts.

Important: Restoring factory default settings removes the current configuration. You will need to set up your Internet connection again and re-add extenders to your Mesh Wi-Fi System.

Safety Instructions

- Use your Keenetic device indoors only. Do not use it outdoors.
- Before use, remove all protective labels and films from your Keenetic device. Make sure that the ventilation openings are not blocked.
- Do not use your Keenetic device in an enclosed or poorly ventilated space. Make sure that the power adapter remains easily accessible.
- Use only the power adapter supplied with your Keenetic device. Do not use a damaged power adapter.
- Your Keenetic device and its power adapter contain no user-serviceable parts. Do not open them.
- Keep your Keenetic device away from water, excessive humidity, heat and direct sunlight.
- For wall mounting, use the supplied wall mount kit. Before drilling, check for concealed wiring, cables and pipes, and make sure the wall can support the device.

What's in the Box

- Keenetic Atlas SE preloaded with KeeneticOS;
- 100–240 V power adapter;
- Ethernet cable;
- Wall mount kit;
- Quick Start Guide.

Environmental Conditions

- Operating temperature: 0 to +40 °C.
- Operating humidity: 20% to 95%, non-condensing.
- Storage temperature: −30 to +70 °C.
- Storage humidity: 10% to 95%, non-condensing.

Certification Information

CE

Keenetic Limited hereby declares that this device complies with the relevant provisions of Directives 2014/53/EU, 2009/125/EC and 2011/65/EU. The EU Declaration of Conformity is available at **keenetic.com** on the relevant model page.

This device complies with EU radiation exposure limits for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 25 cm between the antennas and a person's body.

The frequency bands and maximum transmitted power for this device, as required in the EU, are:

Wi-Fi 2400–2483.5 MHz: 20 dBm;
5150–5350 MHz: 23 dBm;
5470–5725 MHz: 30 dBm.

This device supports DFS and TPC when operating in the 5 GHz band.

	AT	BE	BG	CH	CY	CZ	DE
	DK	EE	EL	ES	FI	FR	HR
	HU	IE	IS	IT	LI	LT	LU
	LV	MT	NL	NO	PL	PT	RO
	SE	SI	SK	TR	UA	UK	

This device is restricted to indoor use only when operating in the 5150–5350 MHz frequency range, channels 36–64.

Under Regulation (EC) No 1275/2008, the power consumption in networked standby, with all wired network ports connected and all wireless network ports activated, is 12 W.

This device can be used across EU member states.

Device Warranty

For the latest warranty information, visit **keenetic.com/legal**.

Your Keenetic device comes with a non-transferable 3-year warranty from the documented date of purchase, including the 2-year European Limited Warranty. Valid claims for defects will be honoured subject to local legal requirements.

Notice

When you use your Keenetic device, including during initial setup, Keenetic Limited will process certain personal data about you, such as the service tag, serial number, model name, software version and IP address of your Keenetic device. For more information, visit **keenetic.com/legal**.

If you are in the European Union or the European Economic Area, Keenetic GmbH will process certain personal data about you, such as the service tag, serial number, model name, software version and IP address of your Keenetic device. Please read the Device Privacy Notice for the European Union and the European Economic Area at **keenetic.com/legal**.

For information and reporting on potential Keenetic product vulnerabilities and coordinated vulnerability disclosure, please visit **keenetic.com**/security.

Disposal

In accordance with European directives, your Keenetic device, including the power adapter and cables, must not be disposed of with general household waste. Contact your local authority or supplier for disposal information.