



## JRS Eco 100 Era on Asus Quick Start Guide



**Important:** To enable your phone or other wireless device to wake up your Eco 100 router from no-signal mode, connect your device to the WiFi using one of the following methods. You only need to do this once, after which the connection will be stored:

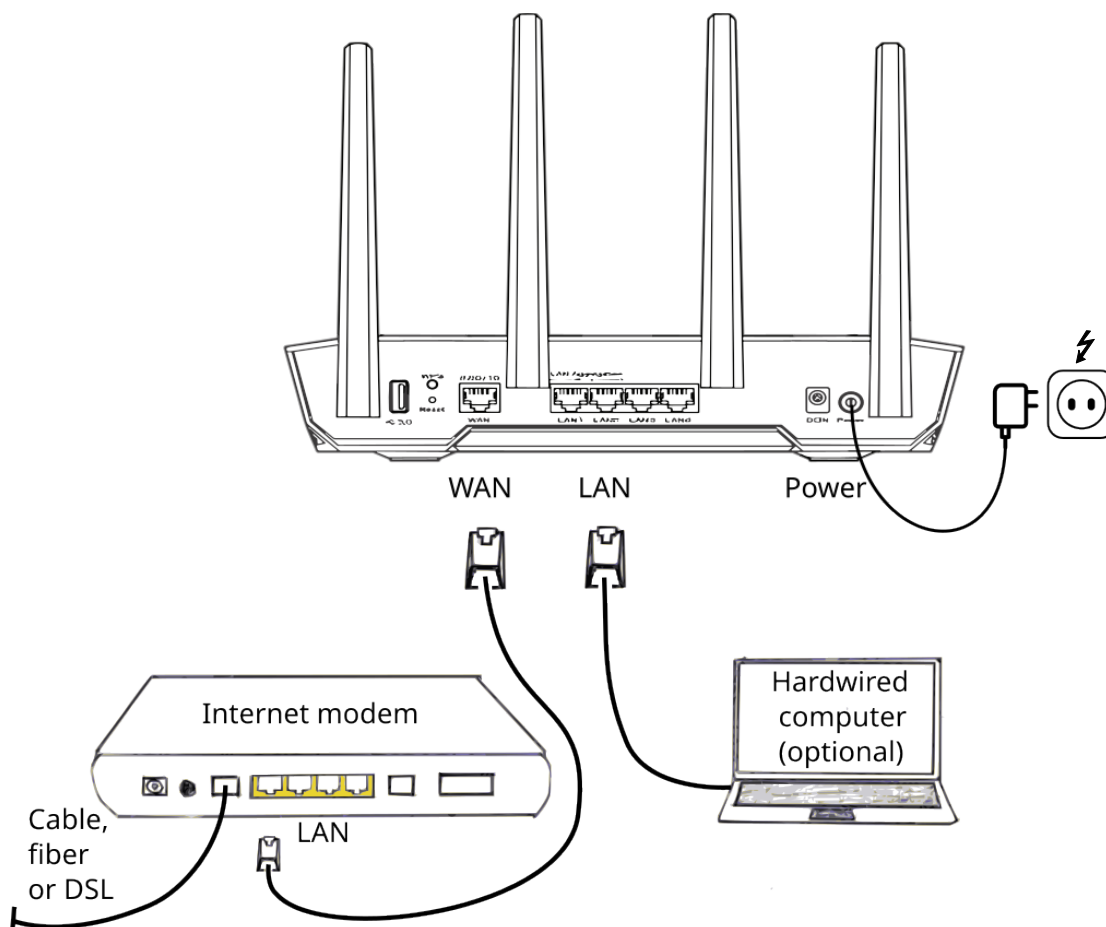
Method A: Scan the QR code below to connect your device.

Method B: Enter the WiFi credentials of the hidden "jrs" network manually.

See inside this guide for detailed setup instructions.



## Connecting your JRS Eco 100 Era router



1. Connect the included Ethernet cable from **LAN port 1** of your **Internet modem/router** to the **blue WAN port** of the **Eco router**.
2. Point the 4 antennas upward. Connect the power adapter to the router. If applicable, firmly push the power adapter all the way into the Euro → USA/UK/AU plug adapter, as far as it will go.
3. **Important! If your Internet modem has WiFi built in, switch it off.** If you don't know how, ask the customer service of your provider for help. See [How do I turn off the WiFi of my provider's Internet gateway box/router?](http://jrseco.com/FAQs) on jrseco.com FAQs for more details.
4. Optionally, hardwire your computer to one of the 4 LAN ports of the Eco router.

*Find more answers in the FAQs on [jrseco.com](http://jrseco.com)*

*Download the product manual at [jrseco.com/manuals](http://jrseco.com/manuals)*

*You can customize the router settings via <http://192.168.4.1>*

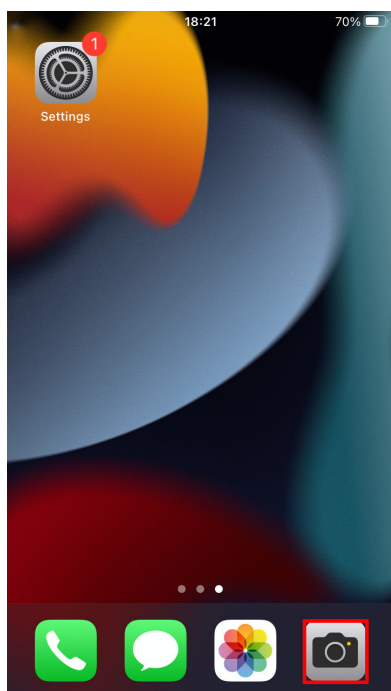
## Connecting your WiFi device to the JRS WiFi network

There is one difference between connecting wireless devices to the JRS Eco router and to regular WiFi routers. To enable your device to wake the router from standby mode, you must set your device to connect to the hidden network named “jrs.”

This guide explains how to do this for iOS, Android, and Windows devices. All you need to do is follow the simple, one-time instructions.

### iOS®: iPhone®, iPad® or MacBook®

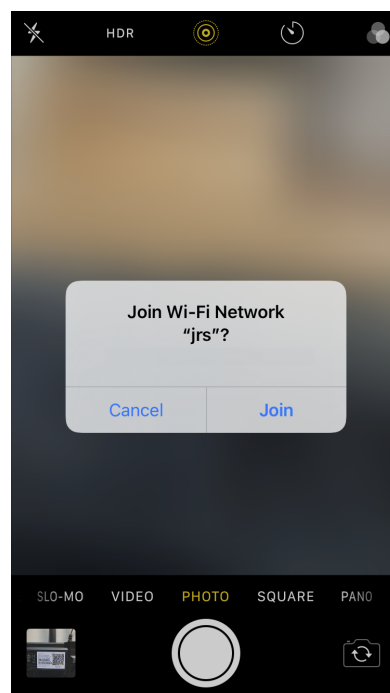
1. Go to the camera app on your device.
2. Scan the QR code on the cover page of this booklet or on the bottom of your router.
3. Click the *Join* button in the pop-up saying: *Join WiFi Network “jrs”?*



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2.

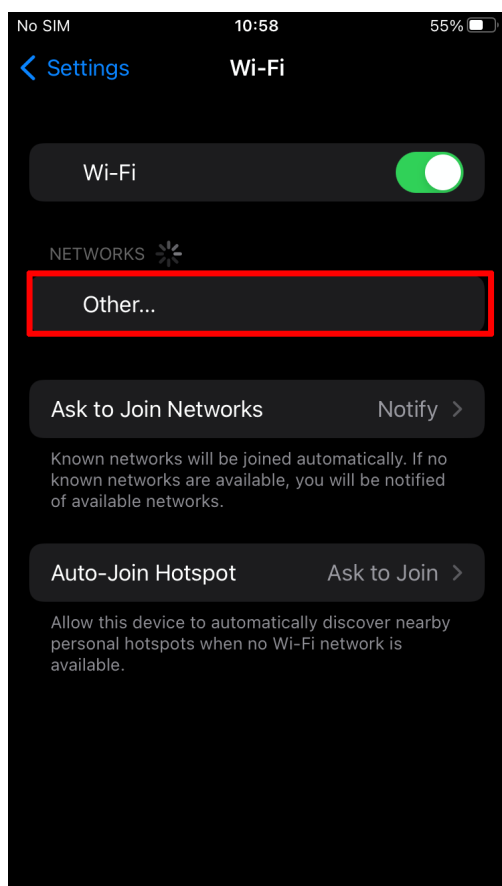


3.

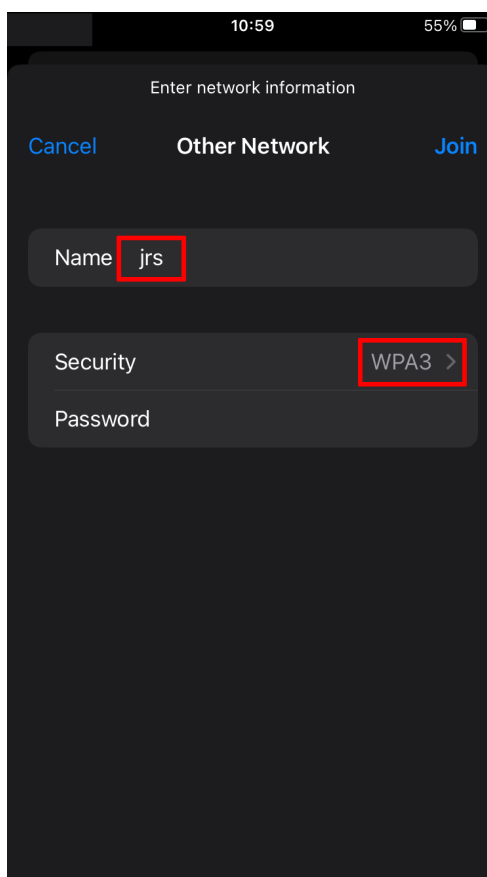
## If your iOS®-device cannot scan the QR-code:

1. Go to the WiFi settings on your device.
2. Click 'Other'.
3. In the dialog that appears, enter the following:
  - Network name (SSID): jrs
  - Security type: WPA2
  - Password: See the bottom of your router or the cover page of this booklet.
4. Click 'Join'.

*It's fine to simply connect your device to the visible wifi network 'JRS-Eco-100', but if you want your device to be able to wake the router from sleep mode, you need to connect it to the hidden network 'jrs'.*



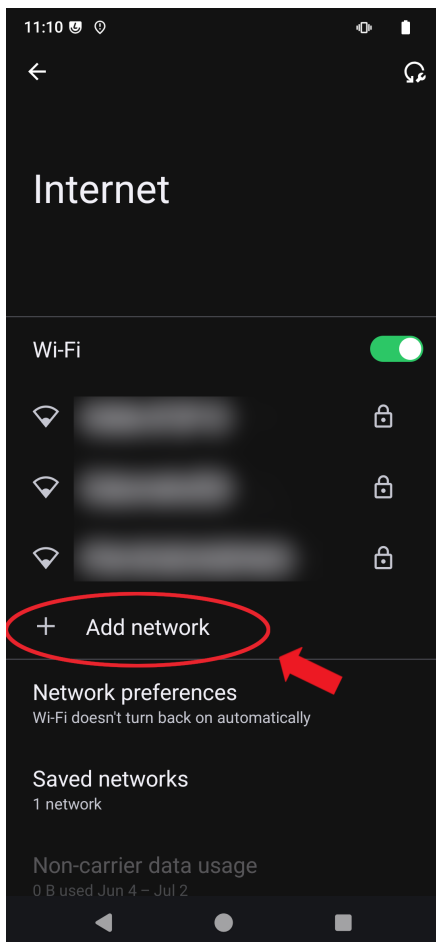
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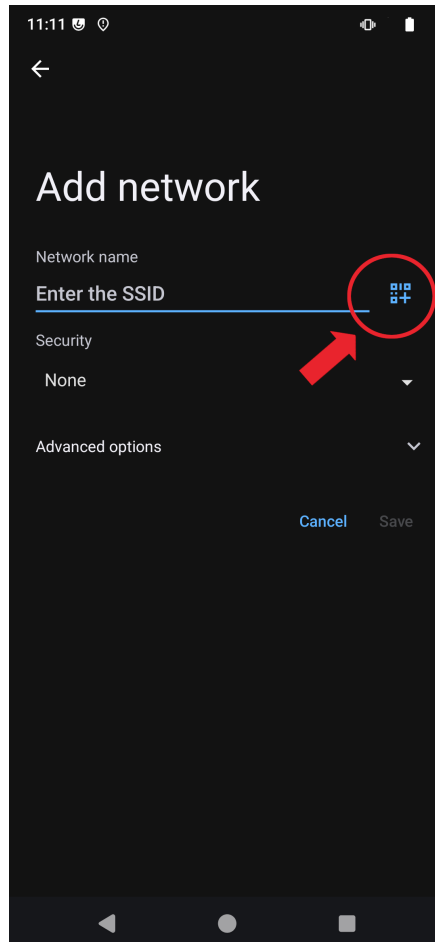
3.

## Android® phone or tablet

1. Go to the WiFi settings on your Android device and tap 'Add network'.
2. Tap the QR code icon. See the red circle in the image below.
3. Scan the QR code on the bottom of your router or the cover page of this booklet.



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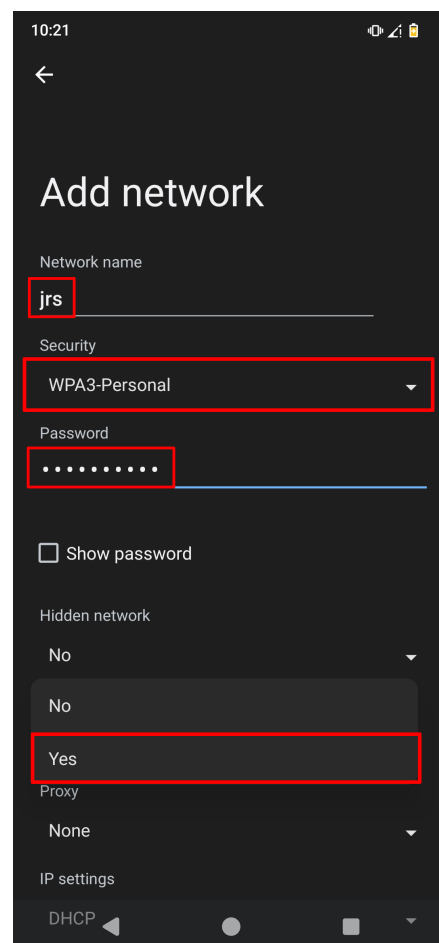
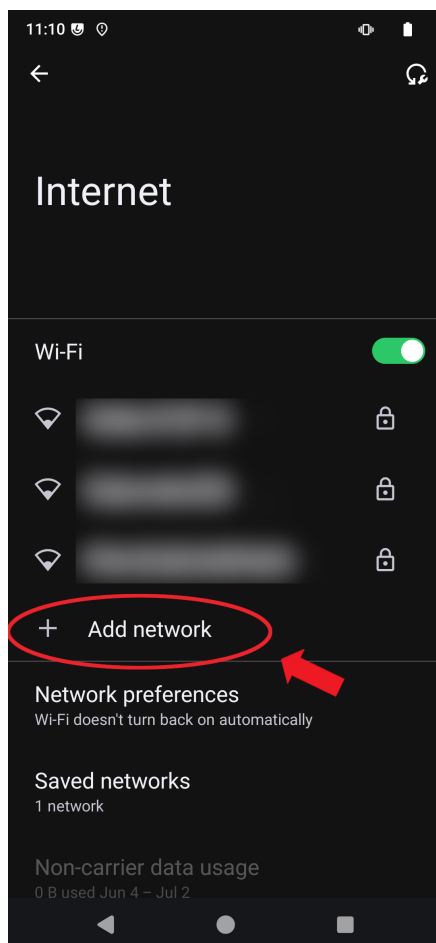


3.

## If your Android® device cannot scan the QR-code:

1. Go to the WiFi settings on your device.
2. Tap 'Add network'.
3. In the dialog that appears, enter the following:
  - Network name (SSID): jrs
  - Security type: WPA2-Personal
  - Password: See the bottom of your router or the cover page of this booklet.
  - if Advanced options are available, set 'Hidden Network' to Yes.
4. Tap 'Save'.

*It's fine to simply connect your device to the visible wifi network 'JRS-Eco-100', but if you want your device to be able to wake the router from sleep mode, you need to connect it to the hidden network 'jrs'.*



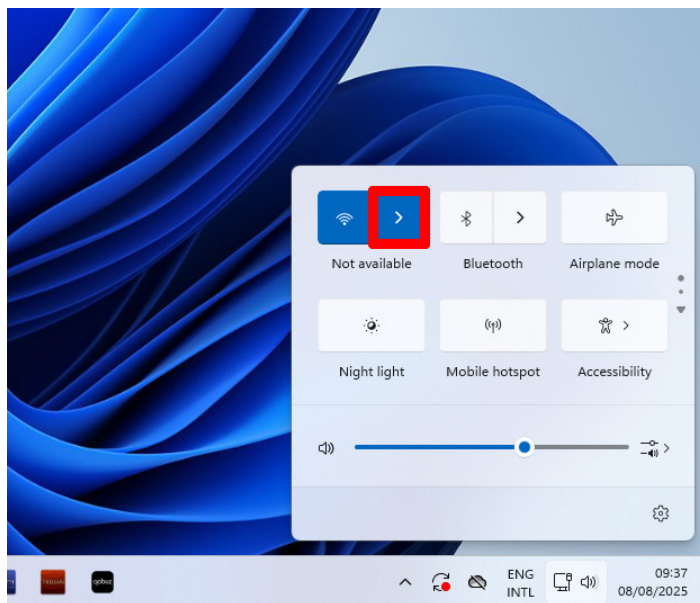
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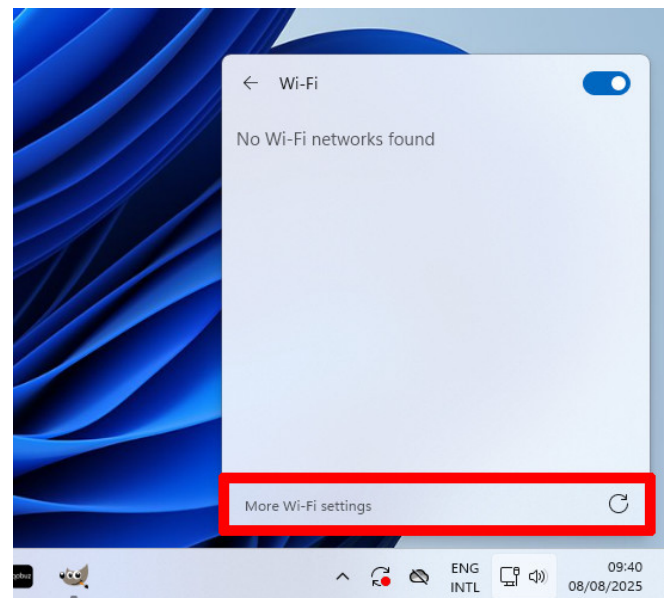
## Windows®

*On Windows, connecting to the hidden 'jrs' network is only needed when you have set Windows to use random hardware addresses.*

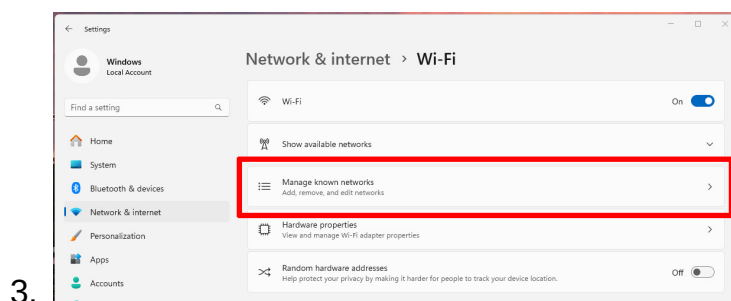
1. Go to the WiFi settings.
  2. Click 'More Wi-Fi settings'.
  3. Click 'Manage known networks'.
  4. Click 'Add network'.
  5. In the dialogue box that appears, fill in the fields as described on the right.
- Network name (SSID): jrs
  - Security type: WPA2-Personal
  - Password: See the bottom of your router or the cover page of this booklet.
  - Tick the options 'Connect automatically' and 'Connect even if this network is not broadcasting'.



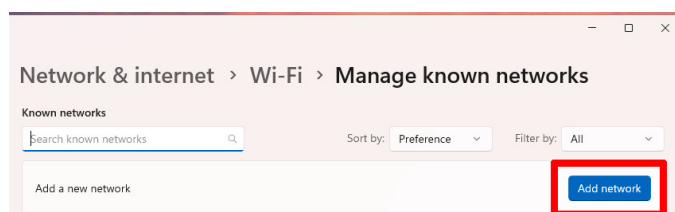
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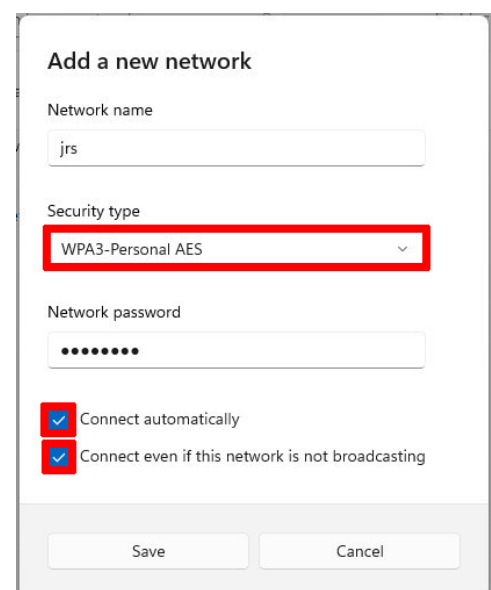
2.



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## Safety information regarding wifi radiation from router and devices

Any wifi router emits electromagnetic radiation, which is shown to be potentially unsafe in numerous scientific studies, even if the emissions are below current official exposure limits. A number of studies are listed on our website at [www.jrseco.com/science](http://www.jrseco.com/science). You can reduce your exposure by limiting the duration of exposure and by increasing the distance between your body and the antennas. Any wifi device has antennas, either internal or external.



Although the JRS Eco firmware measurably reduces router electromagnetic field (EMF) emissions, JRS offers no safety guarantees regarding the router's electromagnetic radiation other than those legally required, and use is at your own risk and responsibility. **When transmitting large amounts of data or when manually set to maximum transmission power, the emission level of a router with JRS Eco firmware can be similar to that of standard wifi routers.**

Wifi is two-way traffic. Both the router and your wireless devices emit EMFs. **Although the JRS Eco firmware greatly reduces router radiation during stand-by and partly during operation, it does not reduce radiation from your wireless devices.** For each piece of data sent from the wifi router, a confirmation is sent back by your device. Wifi radiation from devices is very strong and you keep the device very close to your body. Especially in data-intensive applications such as video, wifi radiation from the device is high. Even when the router is off, your wireless device will still emit wifi radiation as long as its wifi is turned on. Most devices will intermittently send out wifi network scans, looking for available wifi networks.

Make sure to keep proper distance from the router when wifi is active. Position the router well away from places where you spend many hours a day, especially from sleeping areas (unless the wifi is turned off at night).

By using the JRS Eco firmware you agree to be aware of the risks and that the use of the router and firmware is at your own risk. It may be possible to reduce the transmit power of your computer's wifi adapter by adjusting its settings with the Windows® Device Manager. You can minimize your exposure to electromagnetic radiation by working with a wired Internet connection. A hardwired Internet connection is radiation-free.

### GPL License

The firmware on this product includes source code that may be used and modified by anyone and everyone under the GNU General Public Licence (GPL), provided they, in turn, make it available to everyone else with the same licensing agreement. Go to [www.jrseco.com/gpl-source-code/](http://www.jrseco.com/gpl-source-code/) for the original GPL license and the source code of components licensed under GPL and used in this product.

