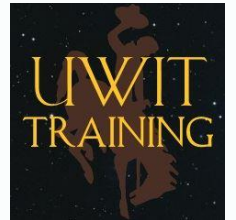


What you need  
to know about  
your home  
wireless router

---

**WYOCAN**  
WYOMING CYBERSECURITY ACTION NETWORK

# Brought to you by your local library and the Wyoming CAN Committee



# First: Did you know?

---

1. Every wireless router has an administrative user id and this comes 'out of the box' with a default password.

*Admin, Admin*

That your home wireless router has more than 1 password?

# And it is common knowledge

## Router Default Passwords Table

<i>Router Brand</i>	<i>Login IP</i>	<i>Username</i>	<i>Password</i>
Linksys Default Login	http://192.168.1.1	admin	admin
Belkin Default Login	http://192.168.2.1	admin	admin
Asus Default Login	http://192.168.1.1	admin	admin
Netgear Default Login	<a href="http://192.168.0.1">http://192.168.0.1</a>	admin	password
Synology Default Login	http://192.168.1.1	admin	admin
Arris Default Login	<a href="http://192.168.0.1">http://192.168.0.1</a>	admin	password

<https://proprivacy.com/guides/default-router-login-details>

# And how to log-in

## Full List of Router Logins

Search: tp-link



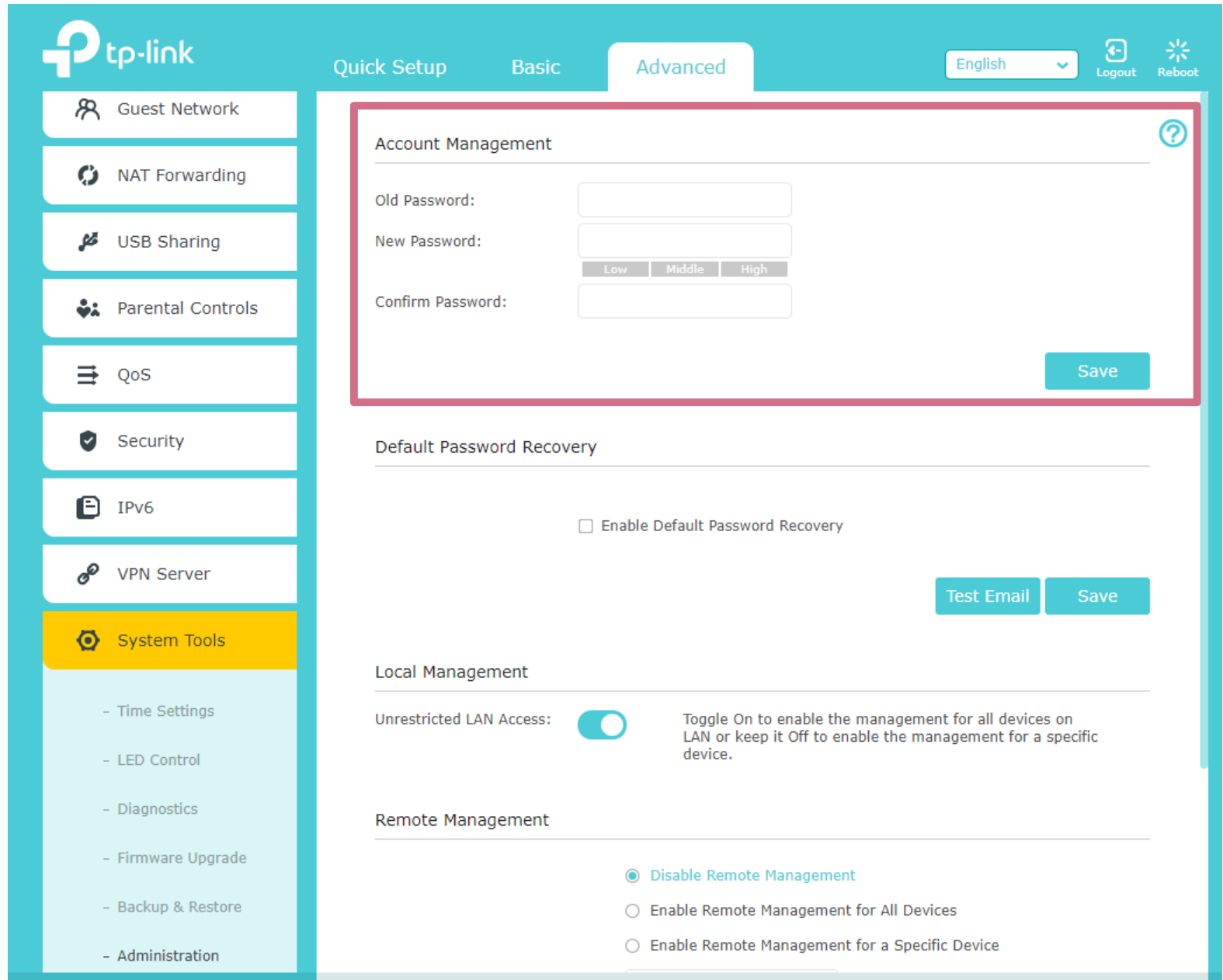
Router Model	IP Address	Username	Password
TP-Link Acrux 300 (ARN03304U1)	192.168.0.1	root	default
TP-Link AT8-4	192.168.1.1	N/A	N/A
TP-Link TEW-637AP	10.0.0.1	admin	password
TP-Link TEW-638APB	10.0.0.1	N/A	N/A
TP-Link TEW-639GR	192.168.1.1	user	N/A
TP-Link TEW-651BR	192.168.1.1	admin	admin
TP-Link TEW-652BRP	192.168.1.1	admin	admin
TP-Link TEW-652BRU	192.168.1.1	admin	admin
TP-Link TEW-654TR	192.168.1.1	admin	admin
TP-Link TEW-656BRG	192.168.1.1	admin	admin

<https://proprivacy.com/guides/default-router-login-details>

2,667 entries listed in this article

Showing 1 to 10 of 103 entries (filtered from 2667 total entries)

# Changing your default administrator's password



The screenshot displays the TP-Link router's web management interface. The left sidebar contains a menu with the following items: Guest Network, NAT Forwarding, USB Sharing, Parental Controls, QoS, Security, IPv6, VPN Server, and System Tools (highlighted in yellow). The System Tools menu is expanded, showing sub-items: Time Settings, LED Control, Diagnostics, Firmware Upgrade, Backup & Restore, and Administration. The main content area is titled 'Advanced' and includes tabs for Quick Setup, Basic, and Advanced. The top right corner features a language dropdown set to 'English', and 'Logout' and 'Reboot' buttons. The 'Account Management' section is highlighted with a red rectangular box. It contains three password input fields: 'Old Password:', 'New Password:', and 'Confirm Password:'. The 'New Password:' field has a strength indicator with 'Low', 'Middle', and 'High' levels. A 'Save' button is located at the bottom right of this section. Below 'Account Management' is the 'Default Password Recovery' section, which includes a checkbox for 'Enable Default Password Recovery' and 'Test Email' and 'Save' buttons. The 'Local Management' section features a toggle switch for 'Unrestricted LAN Access', which is currently turned on, with a descriptive text: 'Toggle On to enable the management for all devices on LAN or keep it Off to enable the management for a specific device.' The 'Remote Management' section at the bottom has three radio button options: 'Disable Remote Management' (selected), 'Enable Remote Management for All Devices', and 'Enable Remote Management for a Specific Device'.

tp-link

Quick Setup Basic **Advanced** English Logout Reboot

**Account Management**

Old Password:

New Password:

Low Middle High

Confirm Password:

Save

**Default Password Recovery**

☐ Enable Default Password Recovery

Test Email Save

**Local Management**

Unrestricted LAN Access: ☒ Toggle On to enable the management for all devices on LAN or keep it Off to enable the management for a specific device.

**Remote Management**

☒ Disable Remote Management

☐ Enable Remote Management for All Devices



☐ Enable Remote Management for a Specific Device

## Second: Did you know?

---

2. Every wireless network you create also has a network password.


That your home wireless router has more than 1 password?

 Status Operation Mode Network Wireless

- Wireless Settings

- WPS

- Wireless Schedule

 Guest Network NAT Forwarding USB Sharing Parental Controls QoS

## Smart Connect

Smart Connect:



## Wireless Settings

2.4GHz | 5GHz

☒ Enable Wireless Radio

Network Name (SSID):

☒ Hide SSID

Security:

WPA/WPA2-Personal (Recommended)

Version:

☒ Auto ☐ WPA-PSK ☐ WPA2-PSK

Encryption:

☒ Auto ☐ TKIP ☐ AES

Password:

Mode:

802.11b/g/n mixed

Channel Width:

Auto

Channel:

Auto

Transmit Power:

☐ Low ☐ Middle ☒ High

Airtime Fairness Feature:

☐ Enable Airtime Fairness

Save



Status

Operation Mode

Network

Wireless

Guest Network

NAT Forwarding

USB Sharing

Parental Controls

QoS

Security

IPv6

VPN Server

System Tools

## Settings

☐ Allow Guests to Access Each Other

☐ Allow Guests to Access My Local Network

Save

## Wireless

2.4GHz Wireless:

☒ Enable Guest Network

Network Name (SSID):

☐ Hide SSID

5GHz Wireless:

☒ Enable Guest Network

Network Name (SSID):

☐ Hide SSID

Security:

☐ No Security ☒ WPA/WPA2-Personal

Version:

☒ Auto ☐ WPA-PSK ☐ WPA2-PSK

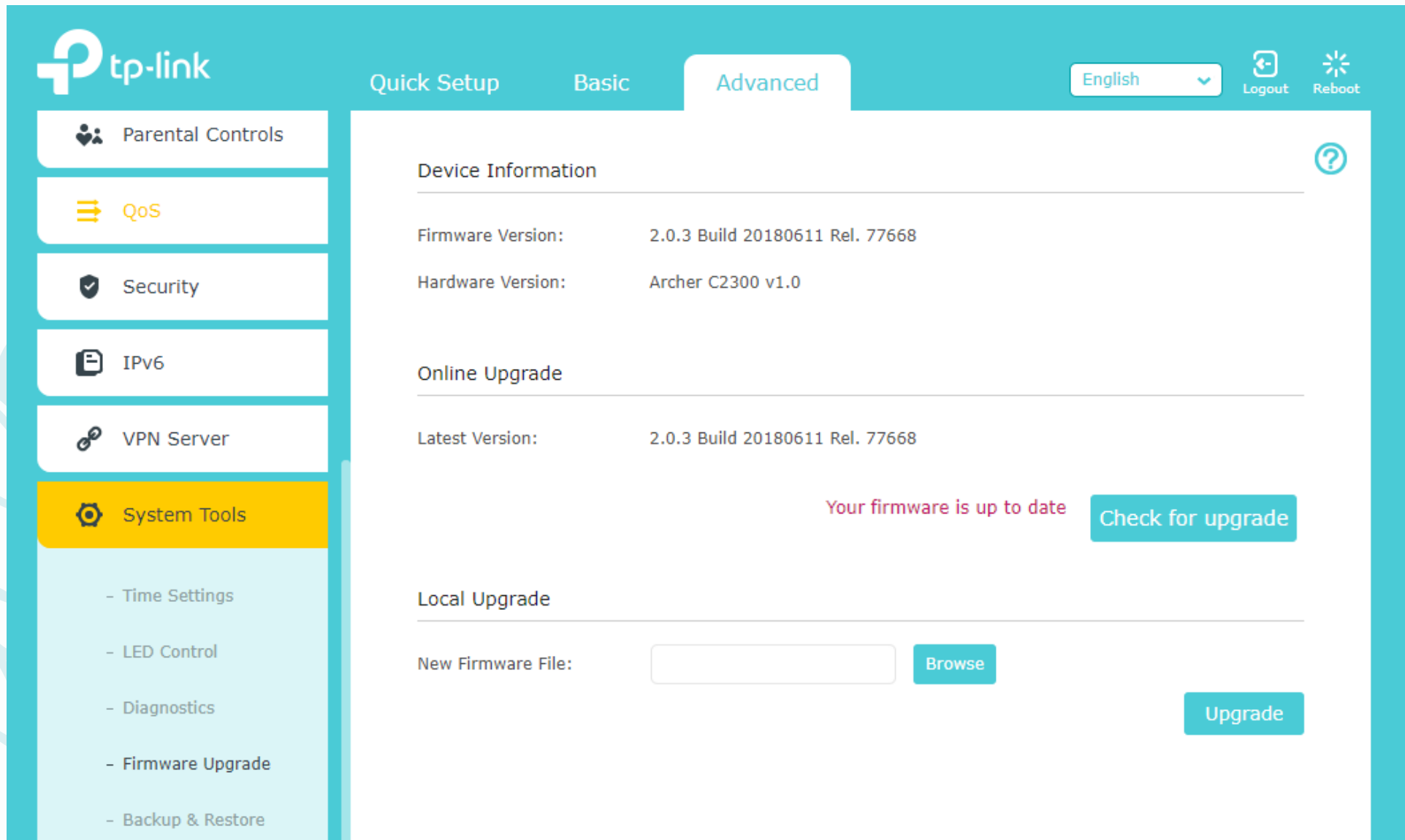
Encryption:

☒ Auto ☐ TKIP ☐ AES

Password:

Save

# Third: Did you know?



The image shows the TP-Link Archer C2300 v1.0 Advanced Setup Page. The interface is teal and white. The left sidebar contains navigation links: Parental Controls, QoS, Security, IPv6, VPN Server, and System Tools (highlighted in yellow). The System Tools section is expanded, showing sub-options: Time Settings, LED Control, Diagnostics, Firmware Upgrade, and Backup & Restore. The main content area has tabs for Quick Setup, Basic, and Advanced (selected). The Advanced tab shows Device Information (Firmware Version: 2.0.3 Build 20180611 Rel. 77668, Hardware Version: Archer C2300 v1.0) and Online Upgrade (Latest Version: 2.0.3 Build 20180611 Rel. 77668). A message states "Your firmware is up to date" with a "Check for upgrade" button. The Local Upgrade section has a "New Firmware File:" label, a text input field, a "Browse" button, and an "Upgrade" button.

tp-link

Quick Setup Basic **Advanced** English Logout Reboot

Parental Controls

QoS

Security

IPv6

VPN Server

**System Tools**

- Time Settings
- LED Control
- Diagnostics
- Firmware Upgrade
- Backup & Restore

Device Information

Firmware Version: 2.0.3 Build 20180611 Rel. 77668

Hardware Version: Archer C2300 v1.0

Online Upgrade

Latest Version: 2.0.3 Build 20180611 Rel. 77668

Your firmware is up to date [Check for upgrade](#)

Local Upgrade

New Firmware File:  [Browse](#) [Upgrade](#)

# Routers can get viruses too

<https://arstechnica.com/information-technology/2018/06/vpnfilter-malware-infecting-50000-devices-is-worse-than-we-thought/>





# Three tips

---

1. Change your Administrator's Password
2. Set up a Guest Network and put your kids on it.
  - No kids? Then put your tablets, phones and internet of things items on it because they are less secure.
3. Update your wireless router with the latest firmware.

# Google is your friend



- Enter your router's brand name and model number.

www.netgear.com › home › products › RAX35 ▾

## RAX35 | WiFi Routers | Networking | Home | NETGEAR

The **NETGEAR**® Nighthawk® AX4 4-Stream **AX3000** WiFi **Router** supports the latest generation Wi-Fi 6 technology to provide greater network capacity with ...

★★★★★ Rating: 4.6 - 961 reviews

- Then, only go to the manufacturer's website.

netgear.com/support/?\_ga=2.33263038.1429017591.1592245399-1554636763.1591377618

NETGEAR®

SUPPORT | COMMUNITY

Search



United States (English)



Due to the current situation with COVID-19 Coronavirus, we are experiencing higher call volume resulting in increased wait and response times. We appreciate and thank you for your patience and understanding as we work through this process. We will continue to monitor the situation and ensure that the best possible service is provided to our customers. As a reminder, you can find helpful articles and troubleshooting steps on [netgear.com/support](https://netgear.com/support) or on [community.netgear.com](https://community.netgear.com). For the current status on our services, see [status.netgear.com](https://status.netgear.com).

# Welcome to NETGEAR Support

## Let's get started.

Selecting your model allows us to tailor our support site for you.

RAX35

RAX35 – Nighthawk AX4 4-Stream WiFi 6 Router / RAX35

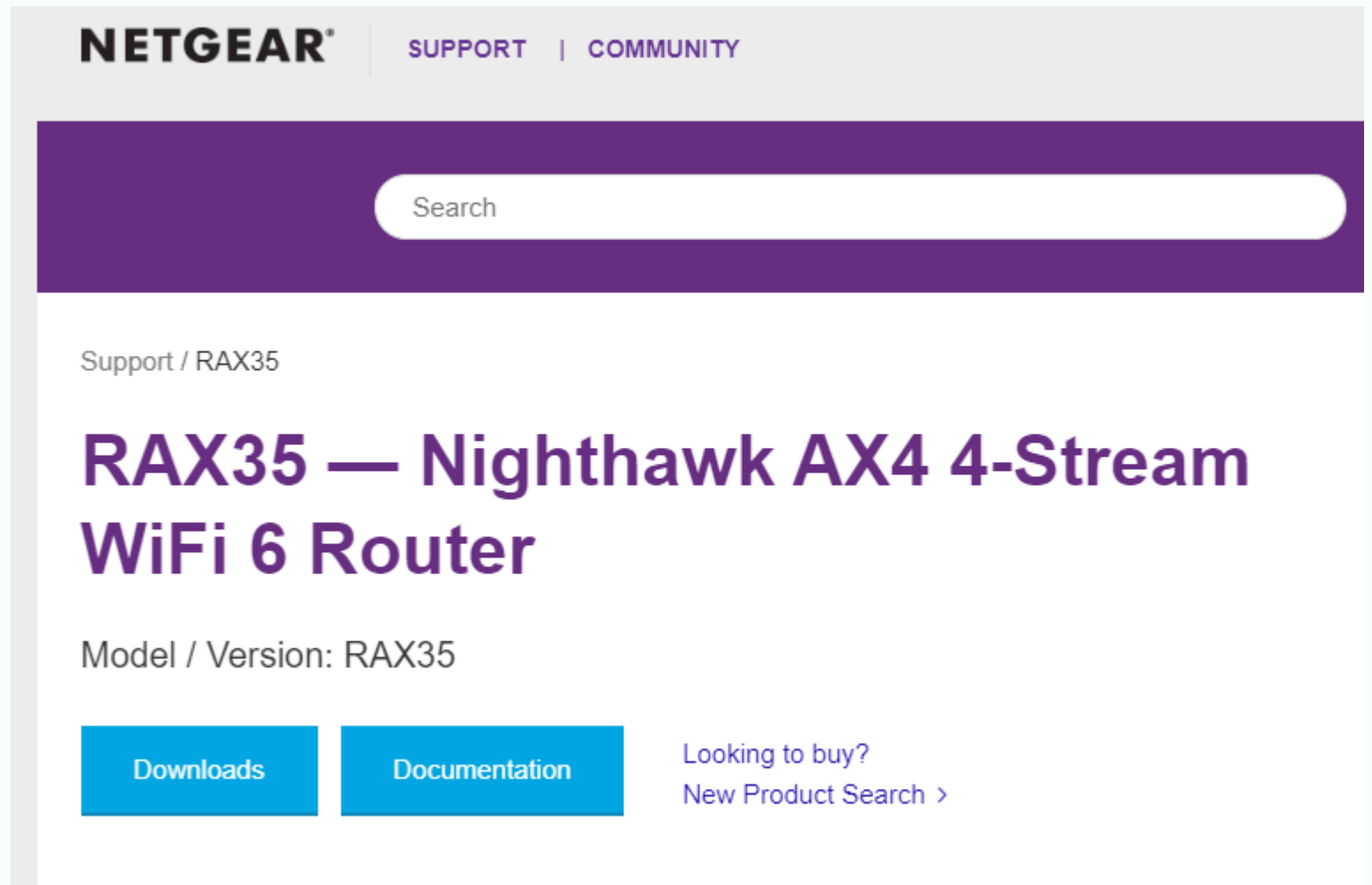
### How to Find Your Model Number?

To find the model/version number of a device, check the bottom or back panel. **Example:**



[Find Your Model Number >](#)

Which brings us to where we can access the user manual or download the firmware update.



**NETGEAR®** | [SUPPORT](#) | [COMMUNITY](#)

Search

Support / RAX35

## RAX35 — Nighthawk AX4 4-Stream WiFi 6 Router

Model / Version: RAX35

[Downloads](#) [Documentation](#) [Looking to buy? New Product Search >](#)

# For more information

- <https://www.zdnet.com/article/hacker-leaks-passwords-for-more-than-500000-servers-routers-and-iot-devices/>
- <https://www.forbes.com/sites/kateoflahertyuk/2019/10/20/equifax-lawsuit-reveals-terrible-security-practices-at-time-of-2017-breach/#25c3802b3d38>
- <https://www.consumeraffairs.com/news/reminder-change-the-default-password-on-your-home-router-before-a-hacker-does-022715.html>

## Video on Router Settings

- <https://www.youtube.com/watch?v=qfS8-Qvvmfk>





# For more information

---

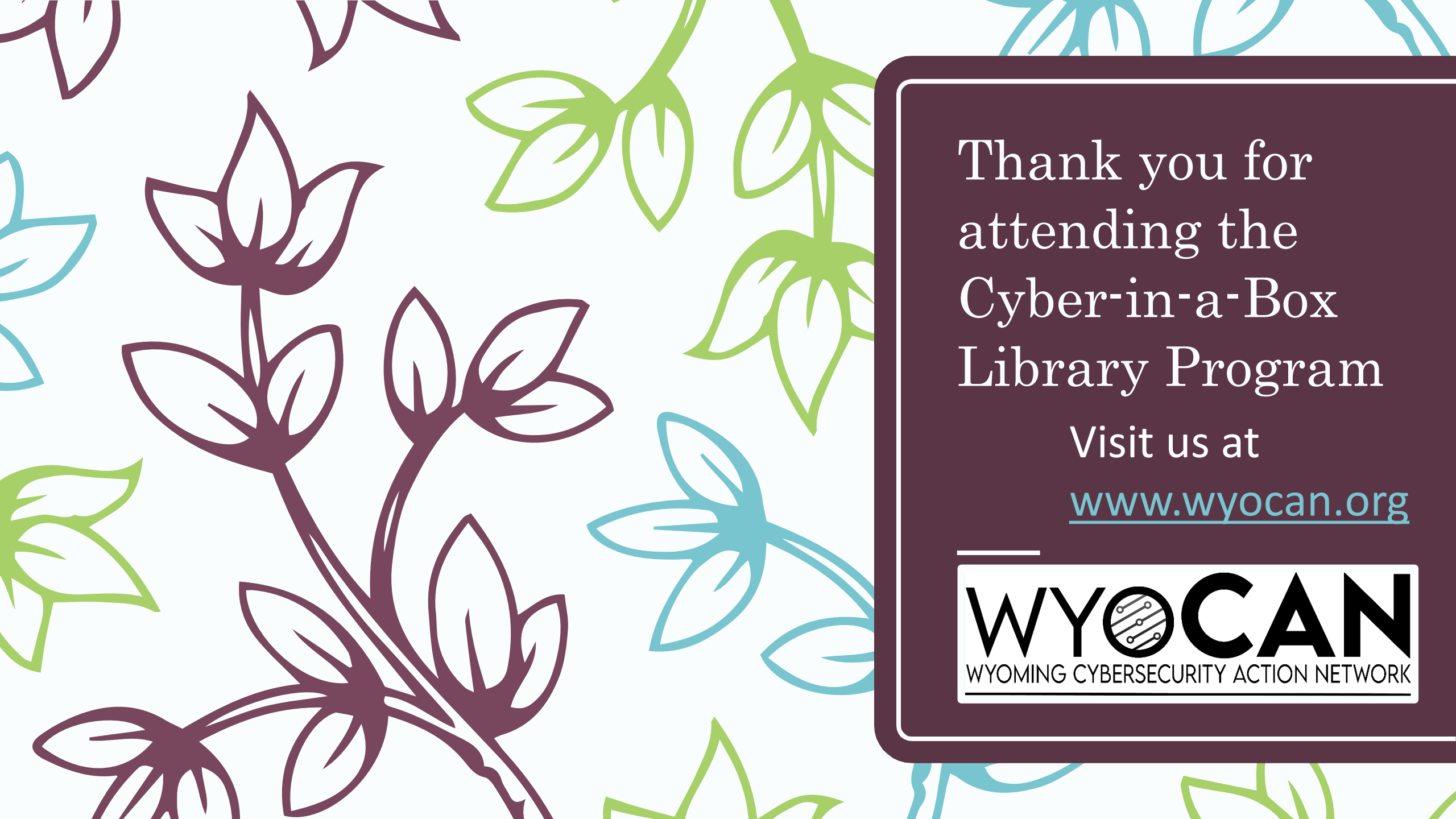
What if your wi-fi gets hacked?

- <https://www.thecyberhelpline.com/guides/hacked-wifi>

How to tell if your wi-fi network has been hacked

- <https://www.youtube.com/watch?v=miS1Sps2siY>





Thank you for  
attending the  
Cyber-in-a-Box  
Library Program

Visit us at

[www.wyocan.org](http://www.wyocan.org)

---

**WYOCAN**  
WYOMING CYBERSECURITY ACTION NETWORK