

Connecting to the University network in accomodation

A guide for connecting your devices to the University network in your room



Introduction

This guide will help you connect your devices to the University network in your accommodation.

Most of the time, you will use the **NCL-ResNet Wi-Fi**. This is the main wireless network for devices like your phone, laptop, or tablet. You'll sign in with your **University account** and get a personal passphrase to connect your devices.

If you have a device you would like to connect using a **wired connection** on your in-room access point, such as a games console or smart TV, you can register it online and then plug it into the network socket in your room.

Note: Devices connected using a wired connection will be on a separate network, so they will not be able to communicate directly with devices connected to the Wi-Fi.

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Connecting to NCL-ResNet

Use this guide to connect your devices to NCL-ResNet using your personal passphrase.

Step 1: Access the Passphrase Portal

Visit the [NCL-ResNet Passphrase Portal](#), and sign in with your **University account** (this is your student ID. For example: c1234567@ncl.ac.uk and your password).



Step 2: View your Wi-Fi details

After logging in you will see:

- a QR code for quick connection
- the SSID: **NCL-ResNet**
- your personal passphrase

Step 3: Connect using the QR code

Scan the QR code using your camera and follow the prompts to connect automatically.

Step 4: Connect manually

Alternatively, if you cannot scan the QR code:

1. Open **Wi-Fi settings**
2. Select **NCL-Resnet**
3. Enter your passphrase
4. Select **Connect**

Managing your passphrase

Email your passphrase

Select [Email Passphrase](#) to receive a copy via email.

Generate a new passphrase

Select [Generate New Passphrase](#) if needed. You will need to reconnect all devices afterwards.

Need help?

If you are having trouble connecting to NCL-ResNet, contact the [IT Service Desk](#).

Registering a wired device

Follow this guide to register and connect a wired device in your room using the University network.

Step 1: Find your Mac address

Locate the MAC address in your device network settings.

Example: **00:1A:2B:3C:4D:5E**.

How to Find MAC Addresses (Common Devices)

Visit our [Device MAC Addresses](#) page for help finding MAC addresses on common devices

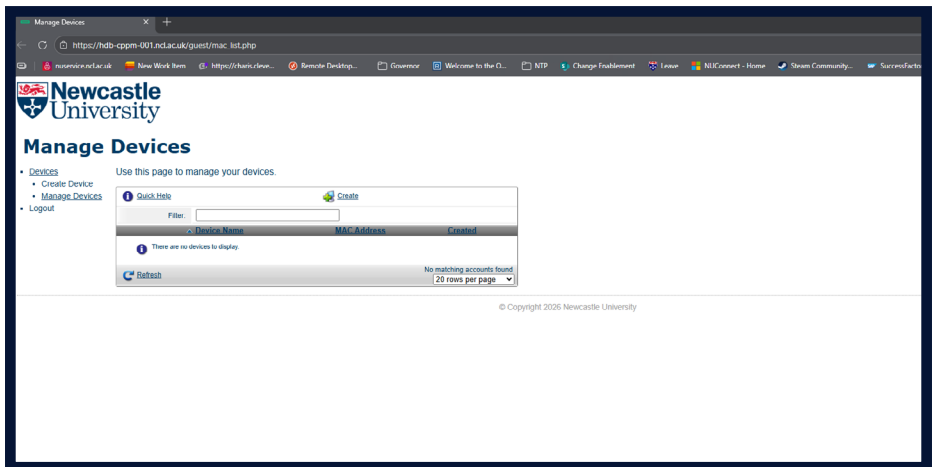
Step 2: Open Device Registration Portal

Go to your [device registration portal](#) and then sign in with your [University account](#).

Step 2 (continued)

Clicking the link on the previous page will open the **device registration portal**.

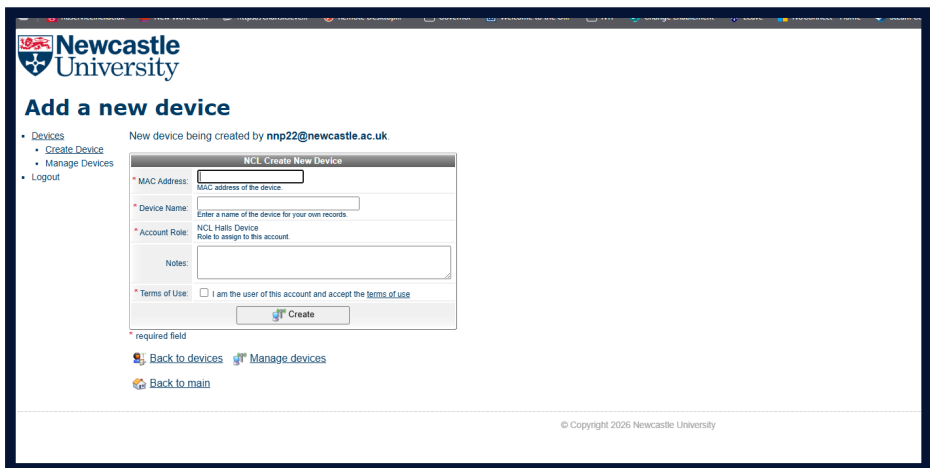
In the portal you can register new devices and manage existing ones.



Step 3: Register a new device

Select **Create Device** and complete the form:

- MAC address
- device name
- accept terms of use



The screenshot shows a web browser displaying the Newcastle University logo and the title 'Add a new device'. A sidebar on the left contains a menu with 'Devices', 'Create Device', 'Manage Devices', and 'Logout'. The main content area shows a message: 'New device being created by nnp22@newcastle.ac.uk.' Below this is a form titled 'NCL Create New Device'. The form has several fields: 'MAC Address' (with a tooltip 'MAC address of the device'), 'Device Name' (with a tooltip 'Enter a name of the device for your own records'), 'Account Role' (with a tooltip 'NCL Halls Device Role to assign to this account'), and 'Notes'. There is also a 'Terms of Use' section with a checkbox and a link to 'terms of use'. A 'Create' button is at the bottom of the form. Below the form, there are links: 'Back to devices', 'Manage devices', and 'Back to main'. At the bottom right, there is a copyright notice: '© Copyright 2026 Newcastle University'.

Newcastle University

Add a new device

- Devices
 - Create Device
 - Manage Devices
- Logout

New device being created by **nnp22@newcastle.ac.uk**.

NCL Create New Device

* MAC Address:
MAC address of the device.

* Device Name:
Enter a name of the device for your own records.

* Account Role:
NCL Halls Device
Role to assign to this account.

Notes:

* Terms of Use: ☐ I am the user of this account and accept the [terms of use](#)

* required field

[Back to devices](#) [Manage devices](#)

[Back to main](#)

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Step 4: Connect your device

Plug your device into the ethernet socket. It should connect automatically.

Further help

If you require further support with accessing the University network via wireless or wired connections in your accommodation room, please contact your building's reception or log a ticket with the **IT Service Desk.**