

CaneNet Residential DIY Instructions

What?

The *CaneNet* wired network is University of Miami's wired student network, available in the Residential Colleges, Lakeside Village and the University Village. Ethernet ports provide fast and reliable Internet connections for those students living in these residential communities.

Students with a valid CaneID and Password can authenticate, browse the web, check email, and much more from their room. All that is needed is a computer with an Ethernet port or Ethernet adapter (such as a Thunderbolt or USB-C to Ethernet adapter) and an Ethernet cable.

If you wish to connect a Game Console, Apple TV, or other streaming device please visit the [DIY page](#). Please note that these MAC addresses must be registered through the [Network Device Registration Portal](#). You must use your valid CaneID and Password to login.

Where?

The *CaneNet* wired network exists in the Residential Colleges, University Village, and Lakeside Village (living rooms only). Please see below on where to find your Ethernet port in your dorm room or apartment.

Finding your Ethernet Jack in your Dorm

Mahoney/Pearson

The Ethernet ports are located low on the walls separating each dorm room. If your room is of standard configuration, it is located behind the desks on each side of the room. For those sides that have a wireless access point (WAP), the Ethernet port with the Internet Icon is the active port.

Eaton

The Ethernet ports are located low on the walls separating each dorm room. If your room is of standard configuration, it is located behind the desks on each side of the room. For those sides that have a wireless access point (WAP), the Ethernet port with the Internet Icon is the active port.

LakeSide Village

The Ethernet port is located in each apartment on the wall near the TV stand.

Towers

The Ethernet ports are located on the walls separating each dorm room. If your room is of standard configuration, it is located on the wall at desk level. For those sides that have a wireless access point (WAP), the Ethernet port with the computer Icon is the active port.

University Village

Due to the different setup of each apartment, the Ethernet port is located in each bedroom on the wall near the desk. On the wireless access point (WAP), the Ethernet port with the Internet Icon is the active port. The living room ports are not active.

Configuring Network Settings

Before connecting to the CaneNet network, please verify your computer's network configuration settings. In some countries, static IP address assignments are required.

If you have a static IP address set, please make note of what is set for future reference. Once you select the options below as automatic, your statically assigned settings will be gone.

Follow these steps to configure the network settings. Only change what is mentioned, leave everything else as computer default. If you have an external Ethernet card or Thunderbolt, insert it into your computer.

Windows 10 / Windows 11

1. Right-click on the "Start" button, and then left-click on "Control Panel."
2. Click on "Network and Sharing Center."
3. On the left-hand pane, click on "Change adapter settings."
4. Right-click on the correct "Local Area Connection," then click "Properties." If the UAC (Security warning) appears, please select "Yes/Allow" to open the Local Area Connection Properties window.
5. Select "Internet Protocol Version 4 (TCP/IPv4)," then click "Properties."
6. From the "General" tab, verify that "Obtain an IP address automatically" and "Obtain DNS server address automatically" are selected.
7. Click "OK" and close all windows.

MAC OS X

1. With the Ethernet Adapter or Thunderbolt connected, if applicable, click on the Apple logo on the top left corner of your screen.
2. In the drop-down menu, click "System Preferences."
3. Click on "Network."
4. On the left hand panel, select "Ethernet" (or "Thunderbolt Bridge").
5. The right pane now gives you a drop down menu option next to "Configure IPv4:." From the dropdown menu, select "Using DHCP"
6. Click "Apply."

Connecting to CaneNet

Once you have verified that your computer is setup to receive an IP address and DNS server automatically, connect your Ethernet cable from your computer to the red outlet in the jack on the wall, or the Internet icon on the wireless access point. On first connection, you will be prompted to enter in your valid CaneID and Password. Once you have entered your valid CaneID and Password, you will be connected to the network. If you fail authentication, you will be prompted with a web page with link to the [QuickConnect Configuration Utility](#).

Need Help?

Student Technology Help Desk

Richter Library, 3rd floor, Room 325
1300 Memorial Drive
Coral Gables, FL 33146

Phone: (305) 284-8887
E-mail: sthd@miami.edu
Website: sthd.it.miami.edu

Hours:
Monday-Friday
from 9 a.m. to 5 p.m.

UMIT Service Desk

Phone: (305) 284-6565
E-mail: help@miami.edu
Website: it.miami.edu

Hours:
Available 24/7

Please visit our website for additional information
and updates: miami.edu/wireless