CaneNet Residential DIY

What?

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

Students with a valid CaneID and Password can authenticate and surf the Internet, 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 and University Village only. Please see below on where to find your Ethernet port in your dorm room.

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 Computer 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 Computer Icon is the active port.

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 Computer Icon is the active port. The living room port is not active.

FAQs for CaneNet

Q. How often do I need to apply for CaneNet wired Network Access?
A. Students only need to register for CaneNet access for their streaming devices (Game Consoles, Apple TVs, Roku's, etc.). Laptops and Desktops do not need to be registered as you will be authenticating with your valid CaneID and Password.

Q. What do I do if I change rooms?
A. No action is required.

Q. Can I connect my router?
A. No. Routers and private wireless networks are prohibited. Please visit our website for further information and for updates at: www.miami.edu/canenet.

Q. Who do I contact if I am having any problems?
A. For assistance on connecting to University of Miami's wired Internet, please see the help section for contact information.

Q. Can I connect my printer?
A. No. Printers connecting to the *CaneNet* network are prohibited. Due to the printer acting as a network device, we cannot restrict other users from printing to your printer. Please consult the manufacturer's instructions on how to disable the wireless from broadcasting on the printer, and use a USB cable. Alternatively, the UPrint Service is available across campus for your printing needs.

INFORMATION TECHNOLOGY

Info

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

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.

Windows 8

1. Move the mouse to the right side of the screen and select *"Settings"* and then on *"Control Panel."*

2. Click on *"Network and Internet"* and then on *"Network and Sharing Center."*

3. Click on *"Manage Adapter Settings."* Right-click on the correct *"Local Area Connection,"* then click *"Properties."* If a pop-up window appears, click *"Continue"* to open the Local Area Connection Properties window.

4. Select *"Internet Protocol Version 4 (TCP/IPv4),"* then click *"Properties."*

5. From the *"General"* tab, verify that "Obtain an IP address automatically" and "Obtain DNS server address automatically" are selected.

6.Click *"OK"* and close all windows.

Windows 7

1. Click on the *"Start"* button, and then on *"Control Panel."*

2. Click on *"Network and Internet"* and then on *"Network and Sharing Center."*

3. On the left-hand pane, click on *"Manage Network Connections"* (*"Manage Adapter Settings"* in Windows 7).

4. Right-click on the correct *"Local Area Connection,"* then click *"Properties."* If a pop-up window appears, click *"Continue"* 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 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. Under the Internet & Wireless section, click on *"Network."*

4. On the left hand panel, select *"Ethernet"* (or *"Thunderbolt"*).

5. The right pane now gives you a drop down menu option next to "Configure IPv4:." From the drop-down 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 computer 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 webpage with link to the QuickConnect Configuration Utility.

Need Help?

Student Technology Help Desk	UMIT Service Desk

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: http://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: http://it.miami.edu/

Hours:
Available 24 / 7

Please visit our website for further information and for updates at
www.miami.edu/wireless.