

The ResNet Community—Policies and Guidelines

Bandwidth Usage Policy

The Pitt ResNet network is a shared resource intended for academic and research use by University housing residents. Personal use of ResNet resources is acceptable as long as this usage does not adversely affect fellow residents. It is the responsibility of each resident student to limit high bandwidth demands caused by the excessive use of file sharing programs, gaming, video viewing, etc.

Access to the ResNet network is a privilege that may be revoked if used inappropriately. If your bandwidth usage negatively impacts others, you will be required to modify your use or cease the activities. Information Technology monitors ResNet traffic on a weekly basis. We use this data to identify excessive bandwidth users and PC's illegally sharing music or movie files. If your system is involved in either the sole or contributive cause of network-related problems or illegal activities, you will have your data port shut off without prior warning. Students whose ports are shut off during the school year will be charged a \$20 fine to have their port reactivated.

May I Use File Sharing Software?

While the use of peer to peer (P2P) file-sharing programs (Bit Torrent, etc.) is not expressly prohibited, it is strongly discouraged because of the risk that the files shared may be copyright materials such as movies, software, and music. Although it is legal to share personal files, many file-sharing programs automatically add downloaded files into a computer's "shared folder" for other users to download. Because of this, many computer users are often unaware that they are sharing copyright protected materials as well as their own private files. *The sharing of copyrighted material is expressly forbidden and violations will result in a loss of your network privileges.* Additionally, fines can total \$750 or more per copyright violation if you are sued by the music/movie/software industries.

More info at: <http://technology.pitt.edu/service/illegal-file-sharing>

The University cooperates fully with all RIAA/MPAA/BSA investigations. If users utilize file-sharing software to share their property, they should look for an option that provides the ability to control file-sharing capabilities. To reduce the likelihood of copyright violations, use of these programs is strongly discouraged on the Pitt-Johnstown ResNet network..

File Sharing, Security & Viruses

When file sharing is enabled, ResNet users can connect to other computers on the network and share files. While this can be a very useful tool, it can lead to computer virus problems if it is not set up correctly. Viruses and Trojans

will spread via unprotected open network file shares. These open network shares may be accessed by any user on the network without authenticating via a password.

Anti-virus & Anti-spyware

Symantec Anti-virus/Anti-Spyware software is provided to Pitt-Johnstown students at **no charge**. It is available for download at: <https://my.pitt.edu>. Login and look under **My Resources/Software Downloads**.

Windows Update Service

An update service for users of Windows 7 and 8 and Microsoft Office is now available on the Pitt web site. This service is designed to make sure that your PC receives critical security updates and patches on a timely basis. To enable this service on your PC, go to <http://updates.pitt.edu> and download the application file. Follow the instructions on the web page to enable the service and improve the security of your PC.

On-line Gaming – Entertainment

While these activities are not prohibited on the University network, they are not supported. Available bandwidth is allocated based on services that support the academic mission of the college. Pitt-Johnstown assumes no responsibility for problems with gaming activities.

Go to this site for information on connecting game console to ResNet.: <http://technology.pitt.edu/search/node/game%20consoles>

Students may contract with private service providers if they require such high speed Internet access.

Pitt-Johnstown Information Technology does not offer repair services for computer hardware problems but will recommend local, private businesses that offer such services.

Computer Repair

Students whose computers fail the preliminary ResNet software vulnerability scan or have Operating System problems that they can't solve themselves can have their machines rebuilt by ResNet staff for a cost of \$75. Expect a minimum 1 week wait for this service at the beginning of the semester. Referrals to private businesses that offer such services are also available.



PJIT Directory

PJIT Support Desk

814.269.PJIT (7548)
www.upj.pitt.edu/PJITHELP
Text PJIT to 814.886.1600

Information Systems

G27 Owen Library
814.269.7020

Printing Services

G12 Owen Library
814.269.7096

Technical Services

G7 Owen Library
814.269.7020

Technology Support Center

228 Blackington Hall
814.269.7194

User Services

G27 Owen Library
814.269.7105

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Pitt-Johnstown Information Technology

ResNet: Residential Networking

Inside you will find information on:

- hardware and software requirements
- cable TV and phone services
- answers to frequently asked questions about technology



www.upj.pitt.edu/IT

Introduction to ResNet

Pitt-Johnstown operates a residential computing program known as **ResNet** to provide students with network access and support. Ethernet network connections facilitate easy academic research, e-mail use and Internet access.

Prepare in Advance

1. Make sure virus protection software is installed and that the virus definitions are up-to-date.
2. Make sure you have installed the latest Microsoft /Apple operating system updates and patches.
3. Register with Pitt's free update service for Windows PCs at <http://updates.pitt.edu>

Connecting to ResNet

Wired ResNet connections are available in all of the residence hall rooms. There is one network port for each bed in the room. Students can connect more than one device, but only one device at a time. Only computers can be connected to these ports; no networking devices such as routers are permitted. Gaming console connections are permitted but require specific instructions to connect, which you can find at <http://technology.pitt.edu/search/node/game%20consoles>

To connect your computer to the residence hall network, simply plug in the ethernet cable, turn your computer on, open a Web browser, and go to connect.pitt.edu. Follow the instructions on your screen to connect to ResNet. For more information on connecting to ResNet, see the following help documentation:
<http://www.pitt-johnstown.pitt.edu/resnet>

Students also have the ability to connect to wireless networks throughout the campus. Wireless PittNet, the University's secure wireless network, is available in many common areas and many classrooms. For more information on connecting to Wireless PittNet, see the following help documentation:
<http://www.pitt-johnstown.pitt.edu/en/campus-life/information-technology/user-services/wireless-pitt-johnstown/>

Frequently Asked Questions

Do I "have to" bring my own computer?

Computers are not required at Pitt-Johnstown. There are 7 computer labs on campus providing student access to nearly 200 computing devices.

Do I need my own printer?

No, it is possible to save your work on a thumb drive and then print your work in our computing labs.

How much does ResNet cost?

There is no connection fee or monthly charge for network access. You must supply your own computer, network card and Ethernet cable.

What do I need to connect to ResNet?

To connect to ResNet, a student needs a computer that meets the minimum hardware and software requirements, as well as the correct type of network card and cable for that computer.

Where can I buy the correct card/cable?

The Pitt-Johnstown bookstore will have the correct type of network cable in stock for most computers. *Recommended Ethernet cable: CAT5 RJ-45 cable, 25ft length.*

What if my computer doesn't meet the minimum requirement?

If your computer does not meet minimum requirements, you *may* be able to connect to the network, but ResNet cannot guarantee full support.

What kind of network card do I need?

The kind of network interface card (NIC) you will need depends upon the configuration of your computer. *Most new computers are network-ready.* Students with older Intel/Windows-compatible, Pentium or Celeron computers may need an Ethernet card or a USB-based network adapter.

What about Wireless networks on campus?

Pitt's wireless service is free and available in most "academic" buildings and common student areas and residence facilities.
<http://www.pitt-johnstown.pitt.edu/en/campus-life/information-technology/user-services/wireless-pitt-johnstown/>

Can I run my own personal network or server site in my room?

Students may not run personal or wireless networks, servers, hubs, switches, routers, ftp sites or web servers on any segment of the University network. Violation of this policy will result in the termination of your network connection.

What if I have questions about the ResNet program, Cable-TV or Phone service?

For all support questions, contact the Information Technology Support Desk at 269-PJIT (7548), 228 Blackington Hall.

There is more ResNet information at:
<http://www.pitt-johnstown.pitt.edu/Resnet>

How do I connect my computer?

- Self-Install: This is the easiest way to connect your computer to ResNet. New students receive complete instructions in their IT Welcome Packet. Instructions guide the student through connection of the Ethernet cable between the computer and the network ports; scanning the PC for software vulnerabilities and properly registering it on the network.
- ResNet Technician Install: Students may contact the Information Technology Support Desk (269-PJIT) to request assistance from a ResNet Technician. These requests are handled on a first-come, first-served basis.

What about Spam?

You can manage your junk mail by activating your Spam Filter option at the Pitt Portal: <http://my.pitt.edu>

What about physical security?

Computrace is a software application available at no cost to students that allows your PC to be traced in the event that it is ever lost or stolen.

What about other security concerns?

There is a wealth of information available on protecting your computer and your identity. For more information go here: <http://technology.pitt.edu/category/risks>

Hardware Requirements

MINIMUM PC REQUIREMENTS

In order to provide a high quality of service and support, the ResNet program has developed minimum requirements. These minimums also ensure that software provided under the Microsoft Campus agreement will run on a given computer.

Minimum Windows-Based PC:

Intel Core i5 or AMD equivalent processor; 4 GB RAM (memory); 500 GB Hard Drive; 16x CD/DVD Burner; 10/100/1000 Ethernet network card; 802.11 b/g/n wireless card (for laptops); 13-15" monitor (laptops); 20-24" monitor (desktops). PCs with lower specifications may work, but could have problems running current software and are not fully supported by staff. More info can be found here: <http://technology.pitt.edu/service/buying-a-new-computer>

Cable TV Service

Cable Television

One, standard service, cable television outlet is provided to each room as part of your housing contract. (You may contract with the local service provider, **Atlantic Broadband**, for additional programming services).

Phones

If requested, each residential room is equipped with one phone. Local and on-campus calling is provided free of charge. **Long distance service is not provided and must be individually managed through the use of prepaid phone and calling cards, or your own cell phone.**

Although you may provide your own phone or answering machine, PJIT does not guarantee their compatibility with our phone system. There are no residence hall limitations on the use of cell phones.