

Using Wireless with the ThinkPad A21m or A30

1. **To use the wireless card** after you have been connected to the Wake Forest network with a wired Ethernet network connection, follow these steps:
 - a. If the computer is turned on, shut it down.
 - b. Disconnect the Ethernet cable from the Ethernet jack in the back of the ThinkPad.
 - c. Place the Spectrum24 wireless card in the top card slot on the right side of the ThinkPad.
 - d. Restart the computer.
 - e. After the computer has booted up, the lights on the wireless antenna should appear and you should be prompted to log into the network. You're ready to go wireless!
 - f. If you do not see lights on the wireless antenna or do not get a network login prompt, verify that you are in a wireless zone by checking the list on the back or seeing if friends with wireless cards can use wireless in the same location. If you are in a wireless zone but your card is not working, please contact the Information Systems Help Desk (758-HELP) or an RTA (758-RTAS) for assistance in isolating and resolving the problem.

Note: If you plan to stay wireless the next time you use the computer, simply leave the card in the computer when you shut it down and it will be ready the next time you restart the computer.

2. **To go from the wireless card to a wired Ethernet connection**, follow these steps:
 - a. Shut down the ThinkPad.
 - b. Take out the wireless card using the blue release button behind the card slot.
 - c. Plug the Ethernet cable into the Ethernet jack in the back of the ThinkPad.
 - d. Restart the ThinkPad.
3. **Patience** The ThinkPad takes about 1-2 minutes longer to start when the wireless card is installed than it does with the wired Ethernet connection. Wait for the boot-up process to complete itself, as interrupting it can cause complications.
4. **Never try using the Ethernet connection & the wireless card at the same time.** Hazard lights won't make a car turn left & right at the same time; neither will using both the wireless card & the Ethernet connection accomplish anything other than confusing the ThinkPad and causing you grief.
5. **Always put the wireless card in the top card slot of the computer.** It will not work in the bottom slot!
6. **Always take the wireless card out of the ThinkPad when packing it** in your case so that you don't break the antenna or jam the card in the ThinkPad.
7. **Keep the wireless card in a safe place;** it costs \$395 to replace. Take care of the card so you can spend your money on other things!
8. **Wireless connections will be slightly slower than wired Ethernet connections.** This difference is most likely to be apparent when transferring large files across the network or over the Internet. Wired Ethernet connections will give you the fastest network access, but from fixed locations; wireless service will give you fast network access with greater mobility.
9. **Your satisfaction is our goal.** If wireless service doesn't meet your expectations, please return the wireless card to the Help Desk located in Room 256 of the Information Systems Building.
10. **Need Help?** For questions using the wireless card, contact your RTA at 758-RTAS or the Help Desk at 758-HELP.



A Really Connected Campus

Wireless connectivity is available in the following locations as of fall 2002.

Residence Halls

- 100 % coverage in common areas. *Not available in townhouses or student apartments.*
- Full coverage in student rooms and corridors in Bostwick Hall, Collins Hall, Johnson Hall, Luter Hall, and Palmer/Piccolo Hall.

Z. Smith Reynolds Library

- 99% coverage

Reynolda Hall

- 100% coverage in
 - The Magnolia Room
 - The “Pit”
- The Green Room

The Benson Center

- in the 2nd floor food court, 3rd floor commons area, 4th floor multi-purpose room and Shorty’s

Classroom Areas

- Carswell Hall - third floor, room 305
- Olin Hall - observatory and rooms 101, 103, 107, and 301
- Tribble Hall - third floor rooms 303, 304, and 316

Information Systems Building

- Information Systems offices, classrooms 224/225
- ICCEL training rooms
- Military Science
- Food Court