

## Using Ethernet with a Patron-owned Laptop At the Johnson City Public Library

Patrons can connect their laptop computers to the Internet at the Johnson City Public Library using Ethernet.

Ethernet jacks are available in network access boxes on selected study tables in the library. Active jacks are colored **green** (as illustrated in the photo at right). Power is also available inside the network access box.

### Requirements

1. Your laptop must have an Ethernet adapter. If one is not already built in, one may be added to your laptop using a PCMCIA Ethernet adapter.
2. You need an Ethernet patch cord (also called Category 5 patch cord) which connects your Ethernet adapter to the green jack in the network access box.
3. Your laptop's Local Area Network Connection (Ethernet driver) must use Internet Protocol (TCP/IP). The TCP/IP properties must direct the laptop **to obtain an IP address automatically** and **to obtain a DNS server address automatically**. Patrons are advised to use any built-in firewall measures available to them by their laptop's operating system.



### Restrictions

- The library does not provide Ethernet adapters or patch cords.
- Ethernet network users can not print to library printers.
- The Ethernet network uses Network Address Translation but does not provide a firewall.
- Due to liability issues, the library staff will not provide any technical assistance to patrons experiencing problems using the Ethernet network at the library.
- Usage of the Ethernet network at the library must be in accordance with all applicable library policies, including the Internet Use Policy and Acceptable Internet Use Guidelines.
- The use of the Ethernet network at the library is strictly as-is, and the library assumes no liability for damage to the patron's laptop due to electrical surges or network intrusions such as downloaded viruses, adware, spyware, Trojan-horses, etc.

### Resources

<http://computer.howstuffworks.com/ethernet.htm>  
<http://www.ethermanage.com/ethernet/ethernet.html>