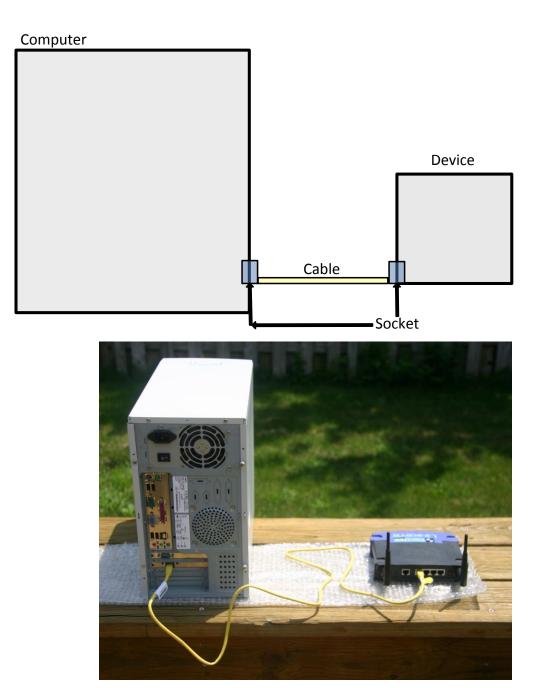
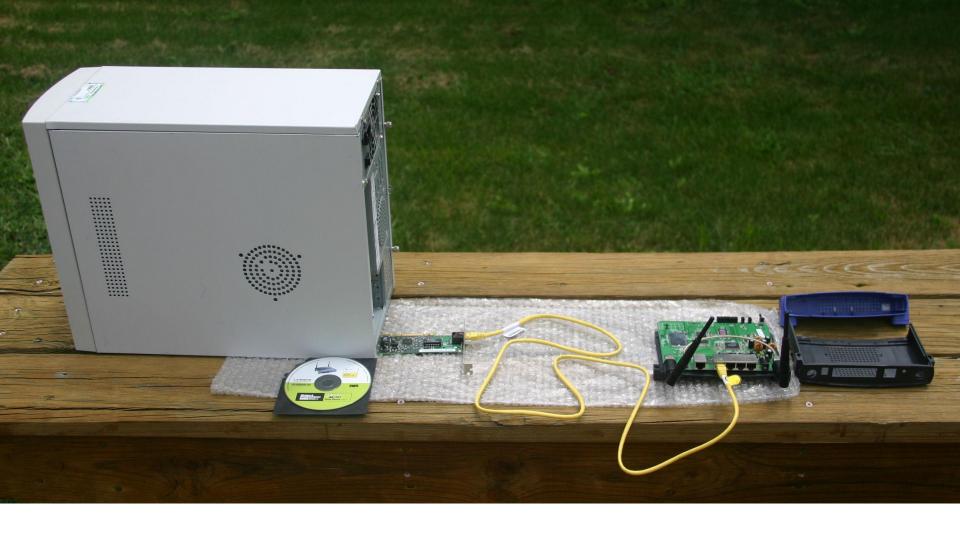
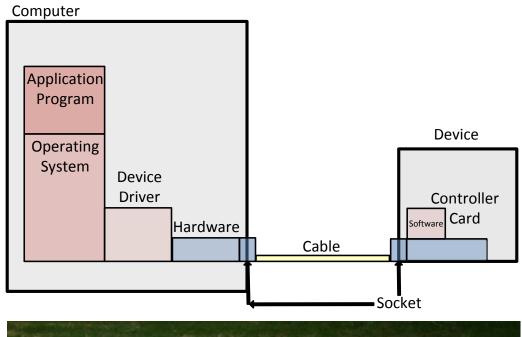
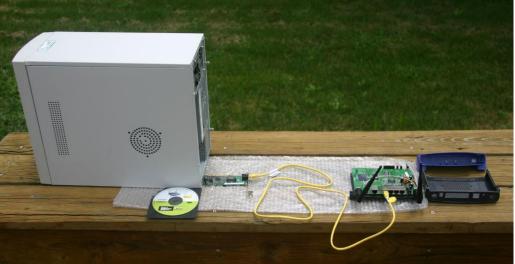
# Periferals

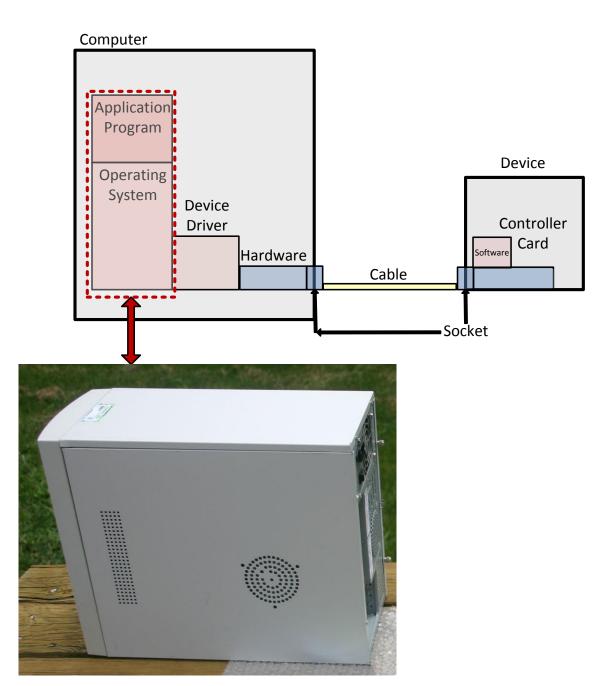


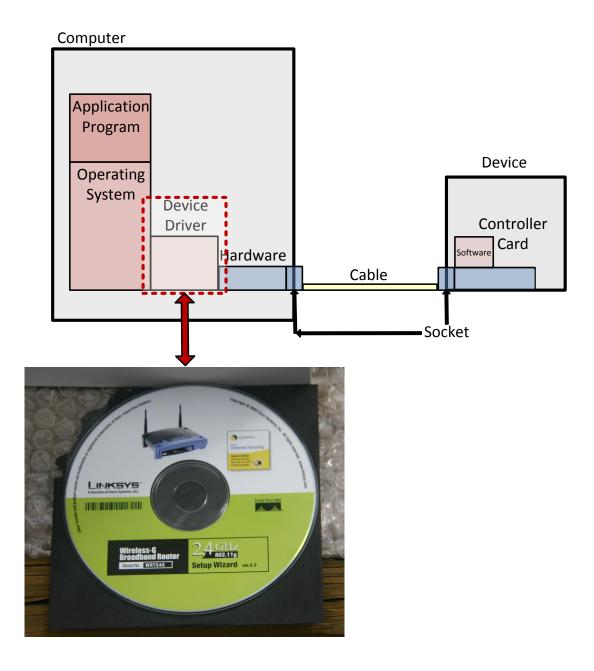


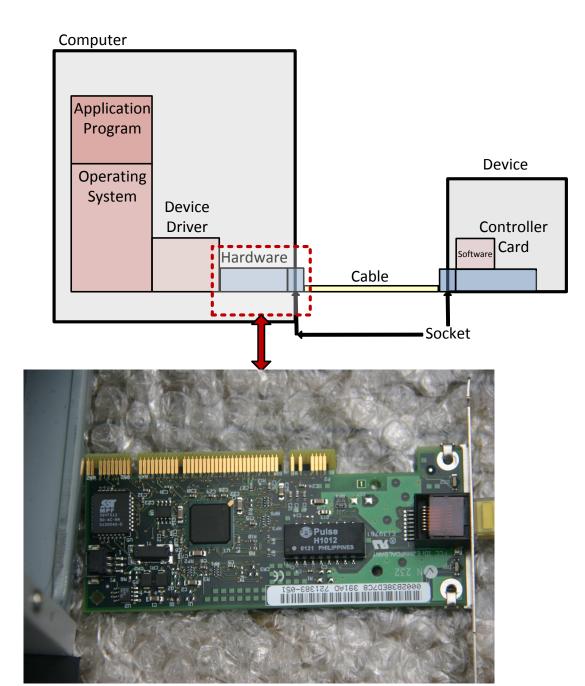






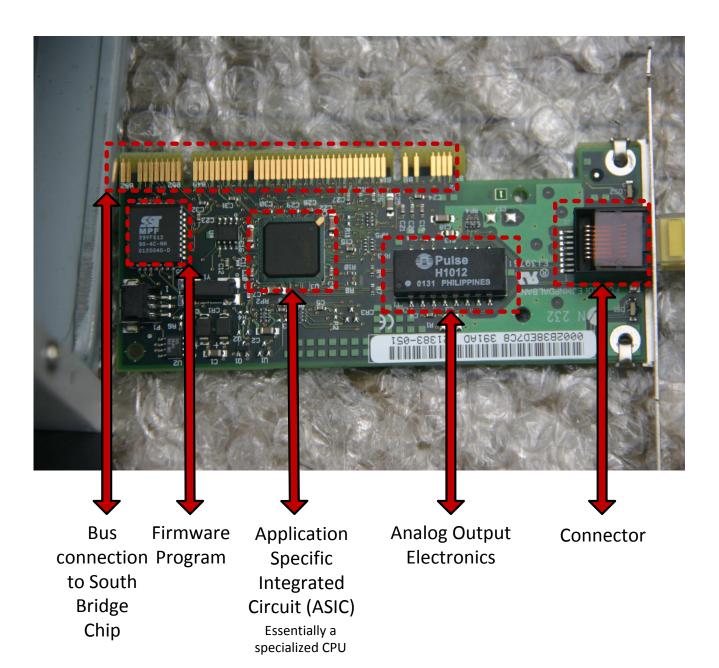


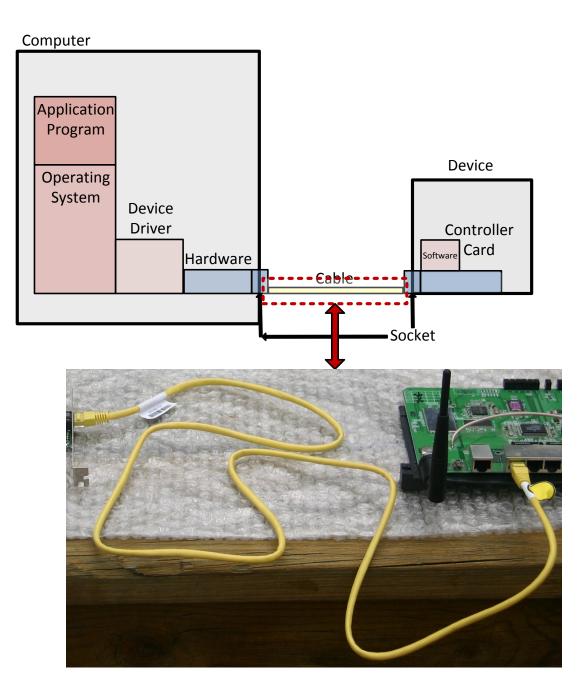


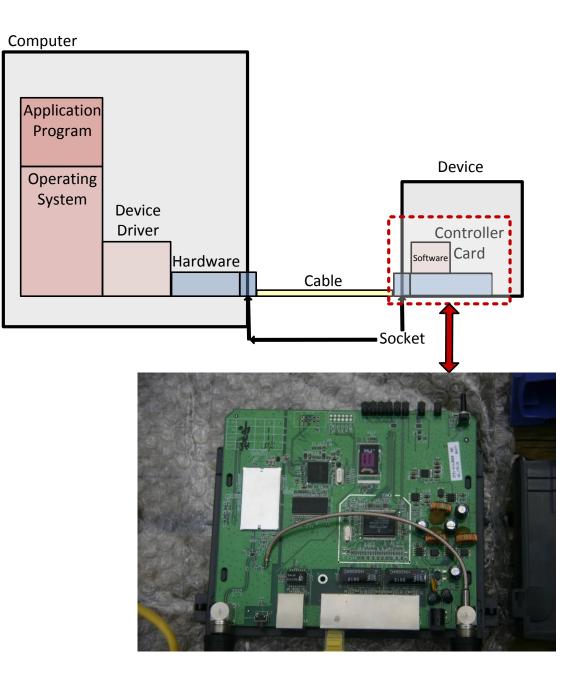




# **Periferal Interface Card**

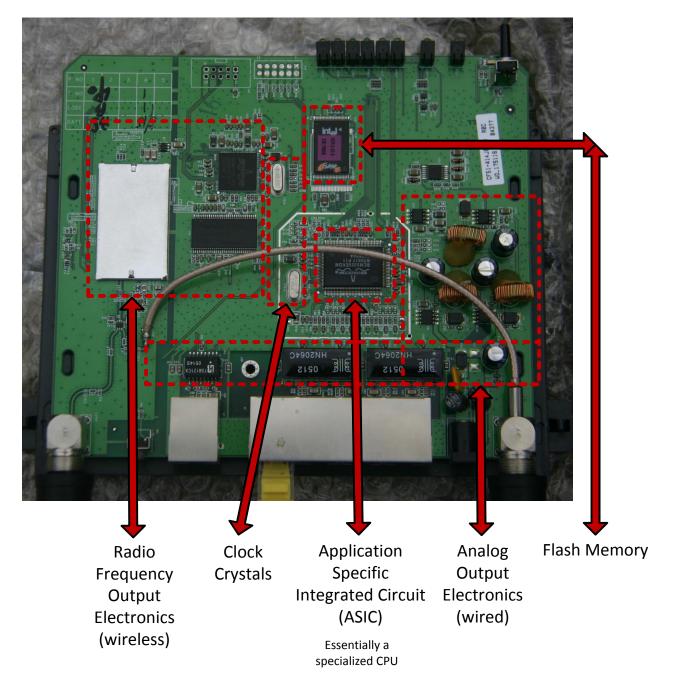


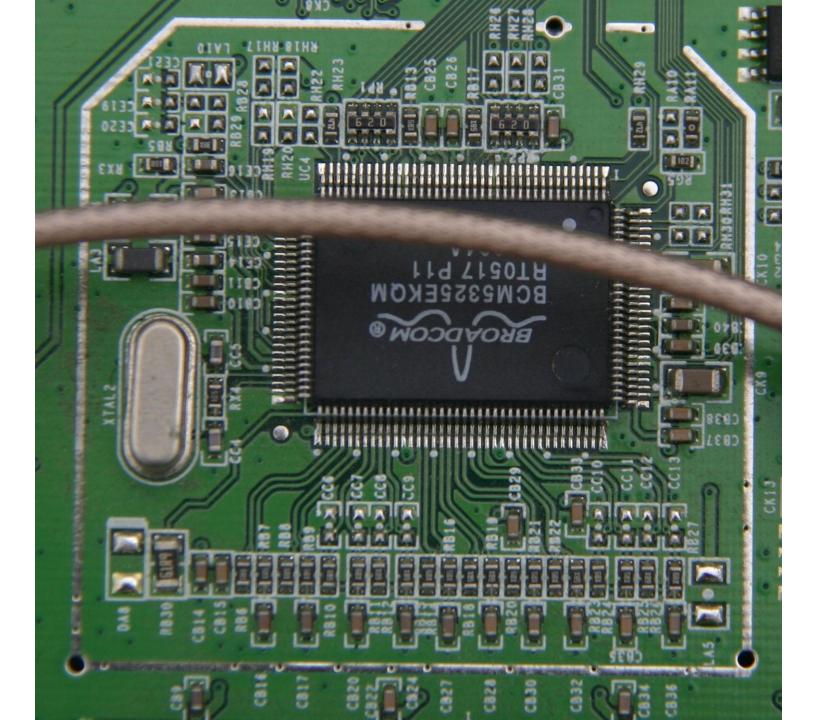


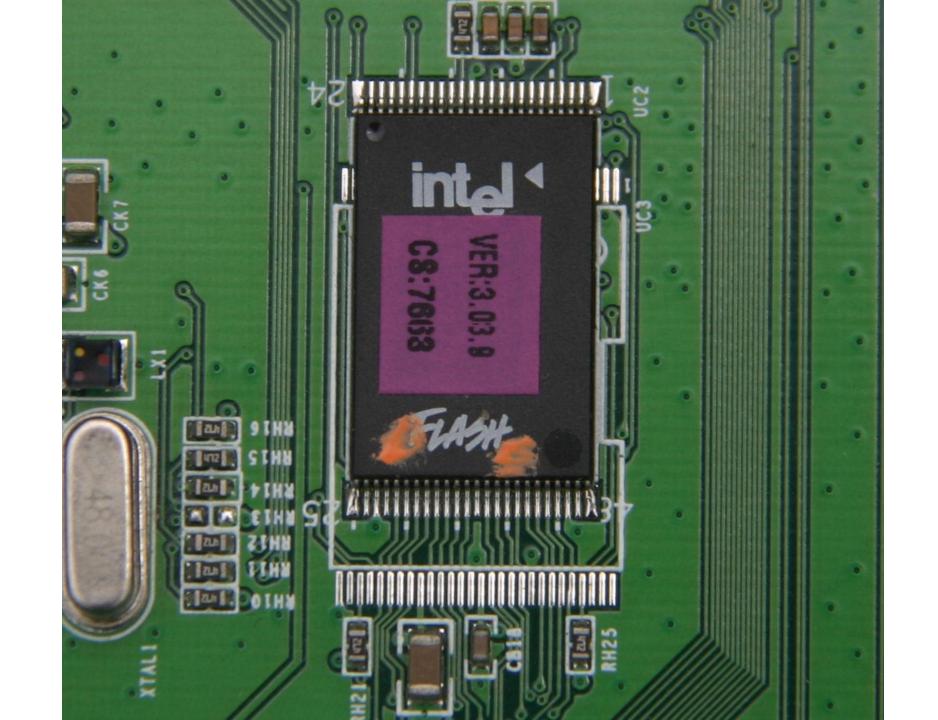


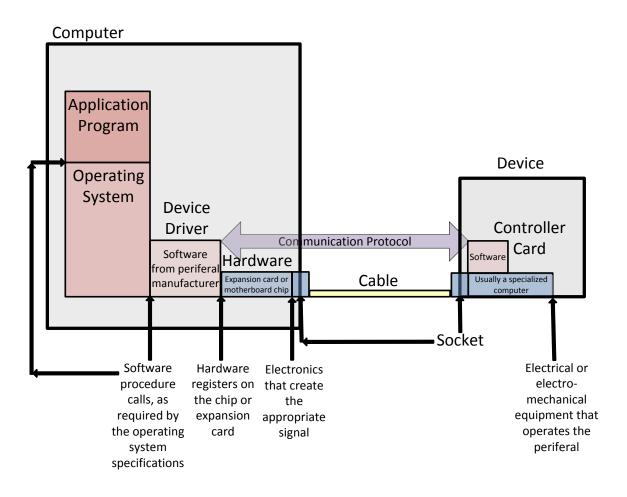


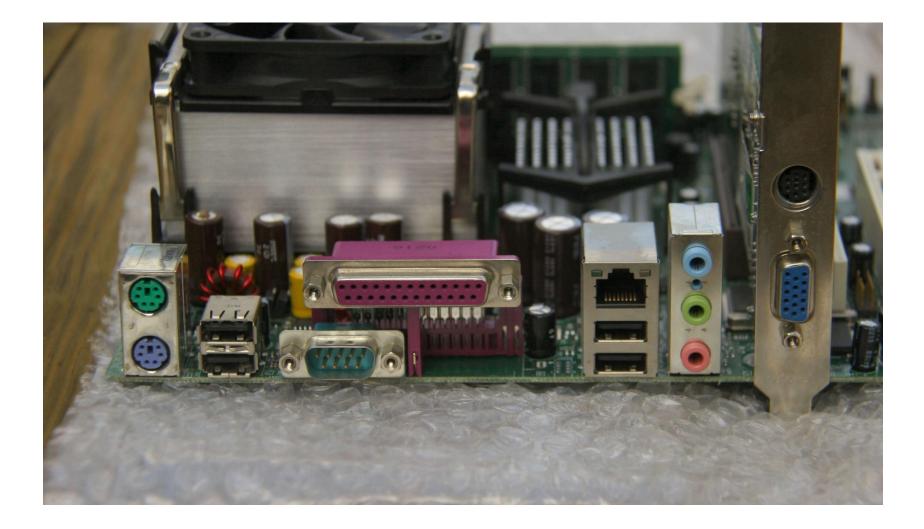
### **Periferal Controller**





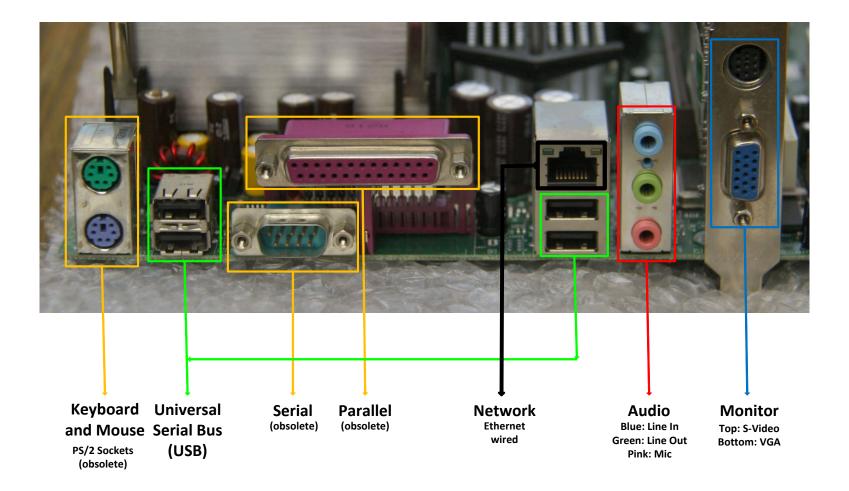






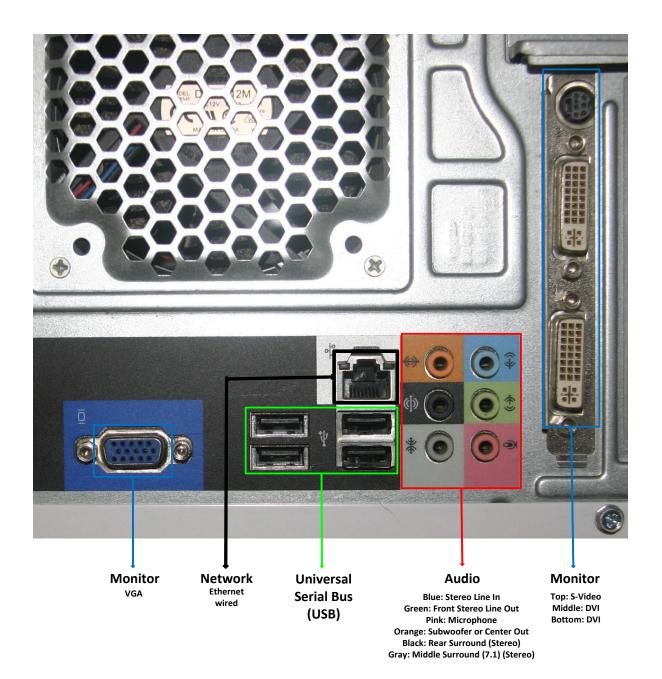
2003 Omni Tech Computer

# **Typical Output Connectors**



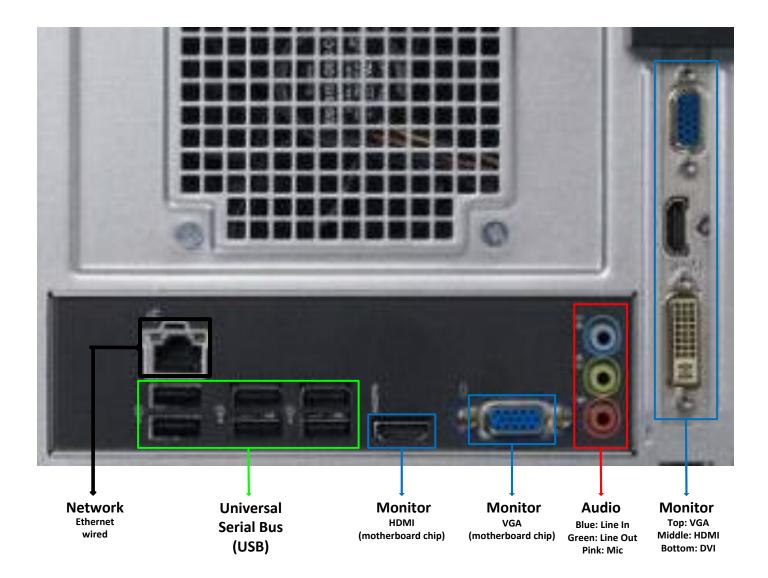


2008 Dell Inspiron 581 Desktop



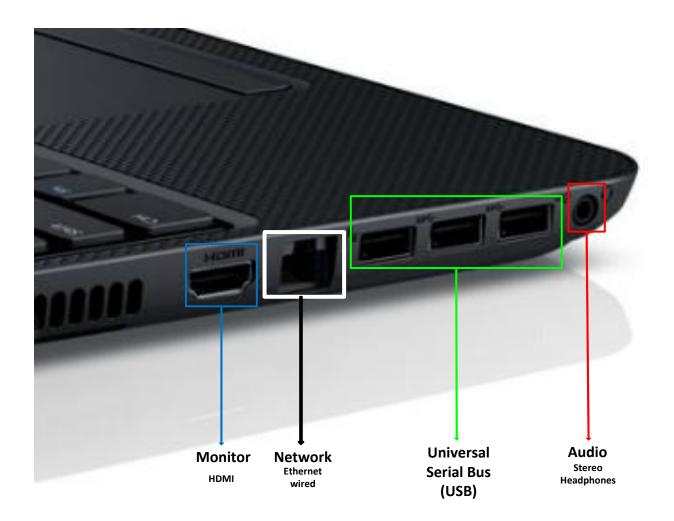


2013 Dell Inspiron 660 Desktop





2013 Dell Inspiron 15 Laptop





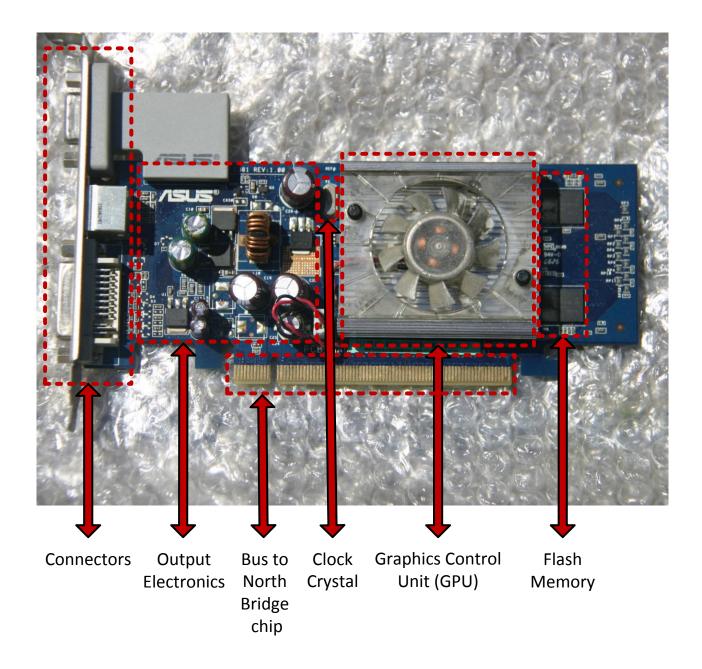
### Video Graphics Card with choice of 3 connectors

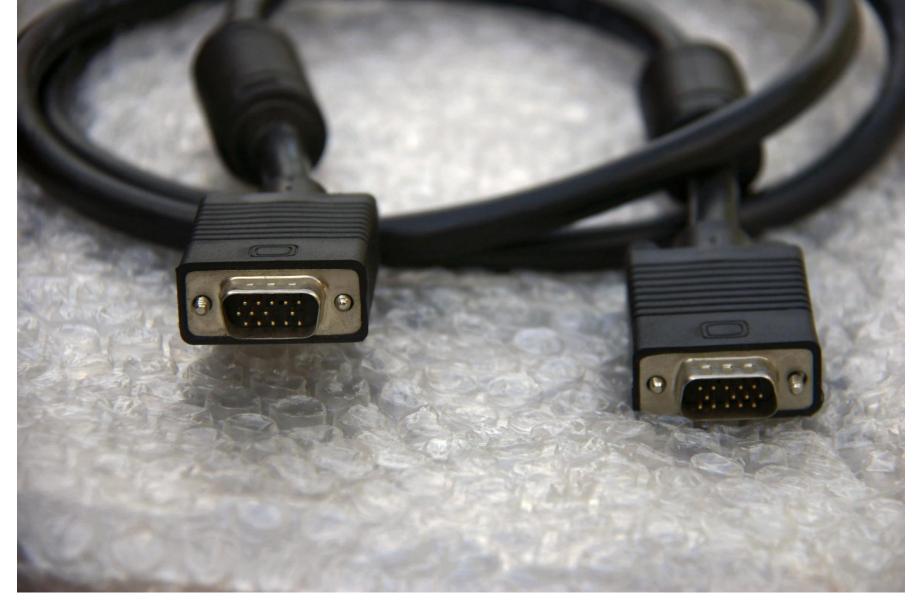
VGA on left, S-Video in center, DVI on right VGA: Video Graphics Array, 1980's to present, from computer technology S-Video, Super-Video, 1980's to present, from television technology DVI – Digital Visual Interface, 1999 to present, backwards compatible



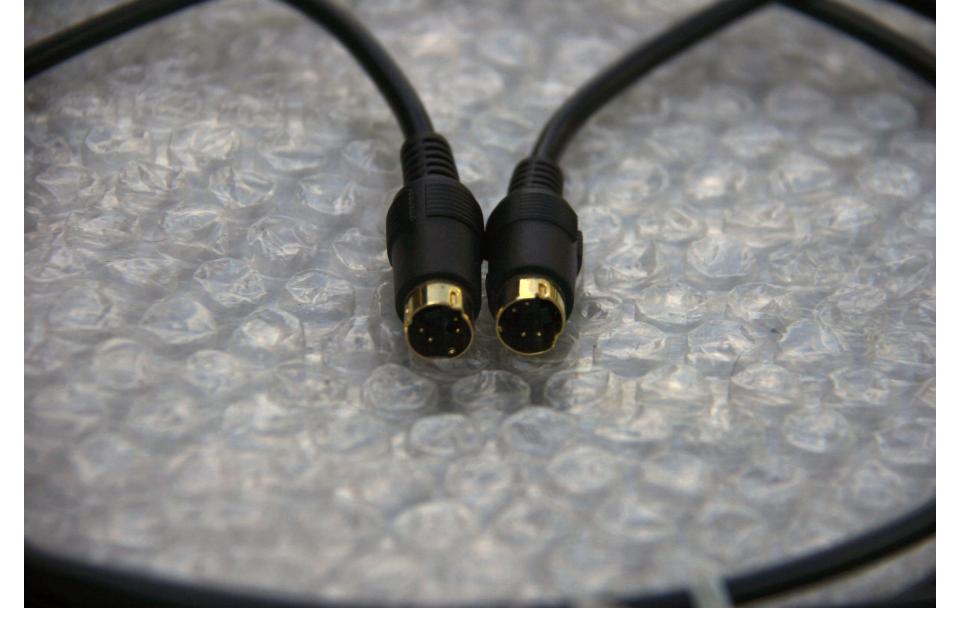
Video Graphics Card

## Video Graphics Card





VGA Cable Video Graphics Array DE-15 connectors



# S-Video Cable

Super Video



DVI Cable Digital Visual Interface



HDMI Cable High Definition Media Interface

### Connection **Computer** Cable Type

0

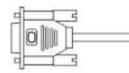


VGA-to-VGA (VGA cable)

DVI-to-DVI (DVI cable)



101







0

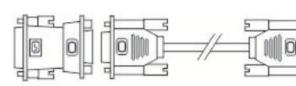
101





DVI-to-VGA (DVI-to-VGA adapter + VGA cable)

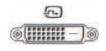






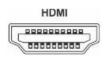


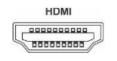


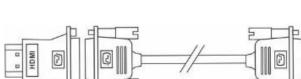


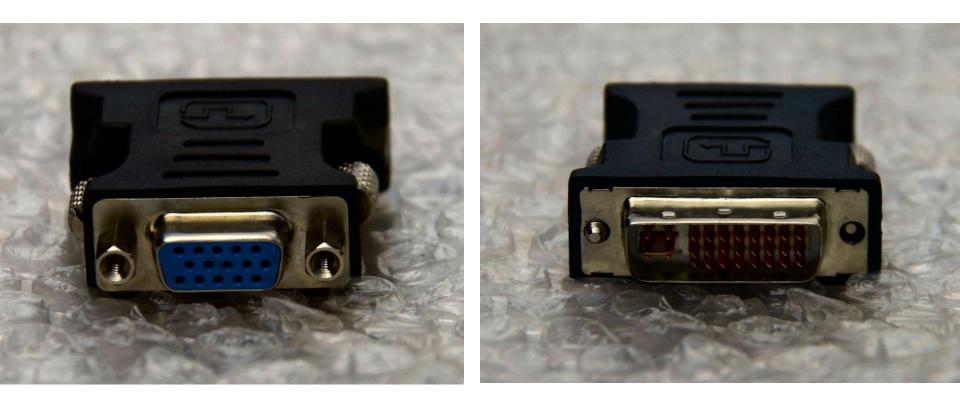
HDMI-to-HDMI (HDMI cable)

HDMI-to-DVI (HDMI-to-DVI adapter + DVI cable)



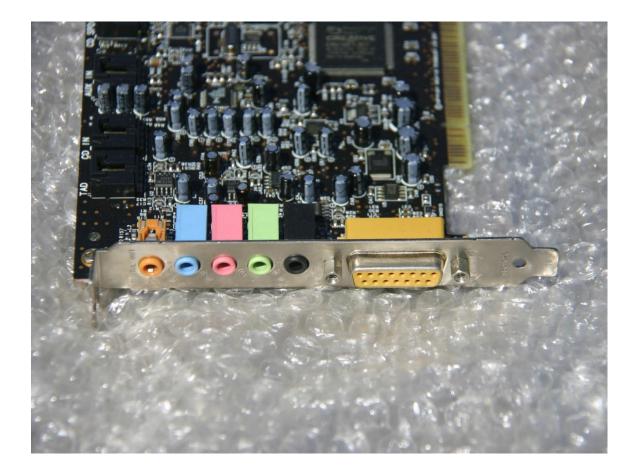






### VGA to HDMI Adapter

Video Graphics Array to High Definition Media Interface



### **Audio Card**

5. 1 Audio with Joystick / Midi port



### **Audio Card**

Notice CD input at top, for the sound cable from the Optical Disk Drive



#### RCA Stereo to Mini-plug Cable RCA plug left audio (white) and RCA plug right audio (red) to Stereo Mini-plug



## Two Video Cables

RCA plugs

yellow RCA plugs connect with small coaxial cable -- black RCA plugs connect with large coaxial cable



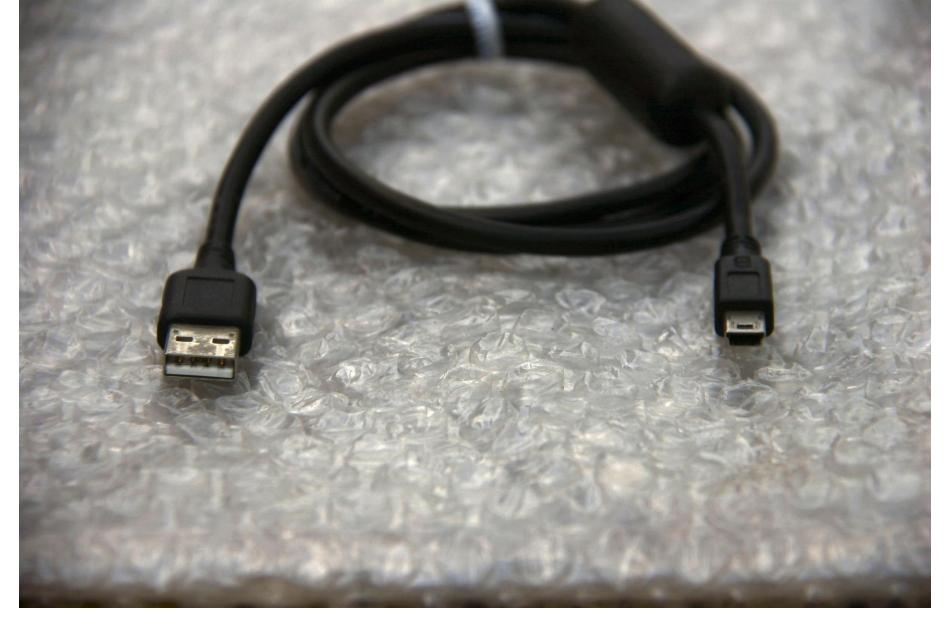
### **USB Expansion Card**

adds two Universal Serial Bus connections that have direct access to the motherboard input / output bus



## **USB Expansion Card**

adds two Universal Serial Bus connections that have direct access to the motherboard input / output bus



### Universal Serial Bus (USB) Cable

Standard A USB plug (rectangular) to Mini-USB plug (indented rectangel) (usually found on small peripherals)

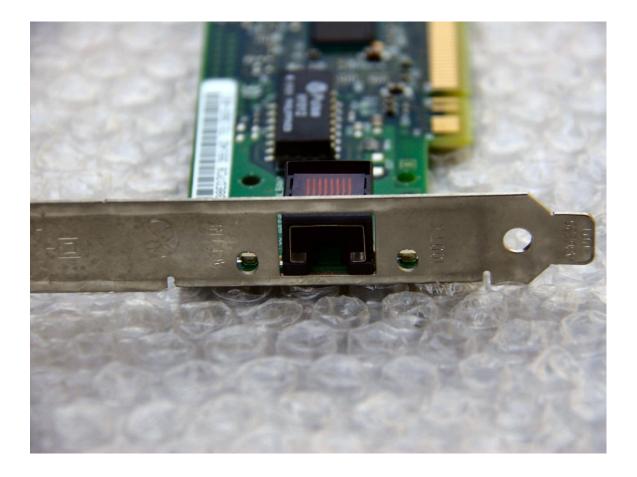


### Universal Serial Bus (USB) Cable

Standard A USB plug (rectangular) to Standard B USB plug (square) (usually found on printers or other large peripherals)



Firewire Cable, originated by Apple (incompatible with USB)



## **Network Card**

wired Ethernet connector



### **Network Card**

Ethernet

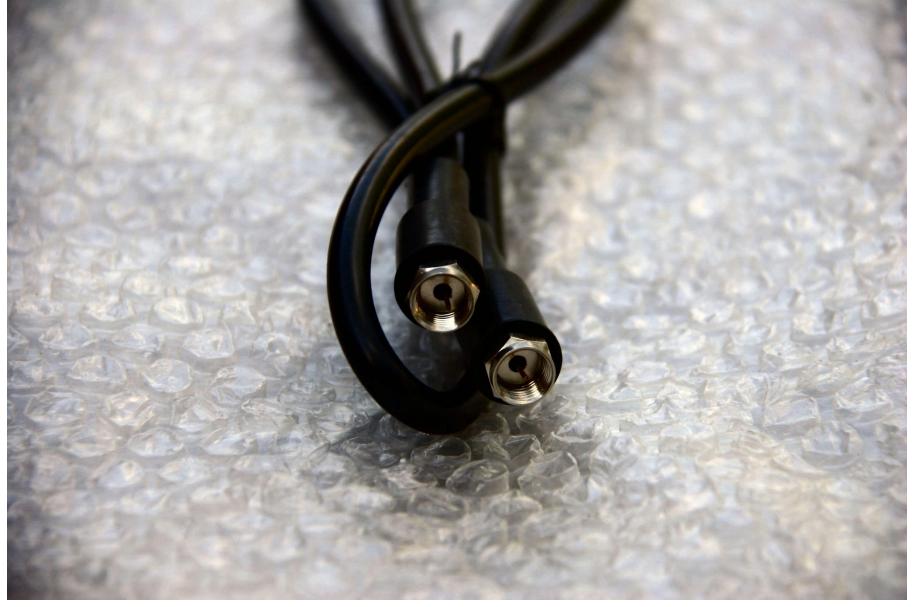


Ethernet Cable RJ-45 Connector

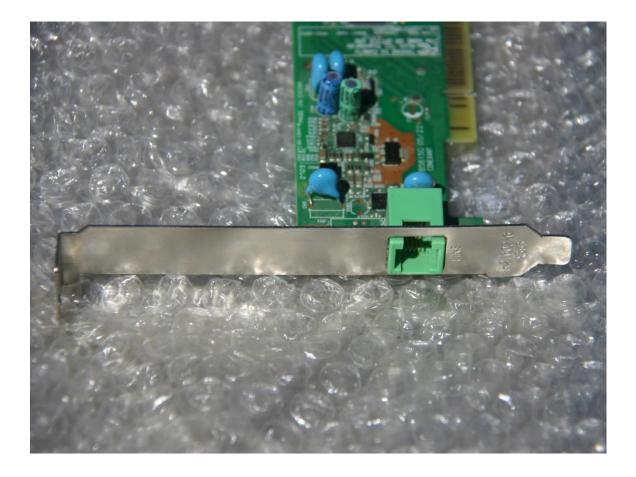


#### Cable Modem

Ethernet connection to your computer or router (USB connection to your computer is also possible) Coaxial cable connection to the cable company



Coaxial Cable RJ-59 Connector



## **Telephone Modem Card**

standard telephone connector (RJ-14)



## **Telephone Modem Card**

Standard telephone connector (RJ-14)



### eSATA sockets

## external Serial Advanced Technology Attachment



### eSATA to SATA cable

external Serial Advanced Technology Attachment to (internal) Serial Advanced Technology Attachment



### eSATA connector

### external Serial Advanced Technology Attachment



#### **SATA connector**

### (internal) Serial Advanced Technology Attachment



# SATA (left) and eSATA (right) connectors

(internal) Serial Advanced Technology Attachment external Serial Advanced Technology Attachment end of presentation