

**AMSC/CMSC 662**  
**Computer Organization and Programming**  
**for Scientific Computing**  
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**Anatomy of a Computer**  
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# Anatomy of a Computer

## Major visible components

See [http://www.iamyourguide.com/?page\\_id=80](http://www.iamyourguide.com/?page_id=80)

- monitor/screen.
- mouse.
- keyboard.
- connector slots (ports). See [http://en.wikipedia.org/wiki/Computer\\_port\\_%28hardware%29](http://en.wikipedia.org/wiki/Computer_port_%28hardware%29) or <http://www.coolnerds.com/Newbies/Ports/ports.htm>
  - Universal serial bus (USB), possibly with power supply. This connects your mp3 player, memory stick, etc.
  - Ethernet port. This connects to a wire in your office, home, or hotel to allow networking.
  - Video Graphics Array (VGA) connector to connect to a projector, alternate monitor, etc..

## The guts

See [http://www.iamyourguide.com/?page\\_id=80](http://www.iamyourguide.com/?page_id=80) or  
<http://fitsolutions.zxq.net/AnatomyLaptop.html>

- Motherboard
- CPU
- memory
- hard drive (disk)
- power supply

**It's time to dismantle a laptop.**