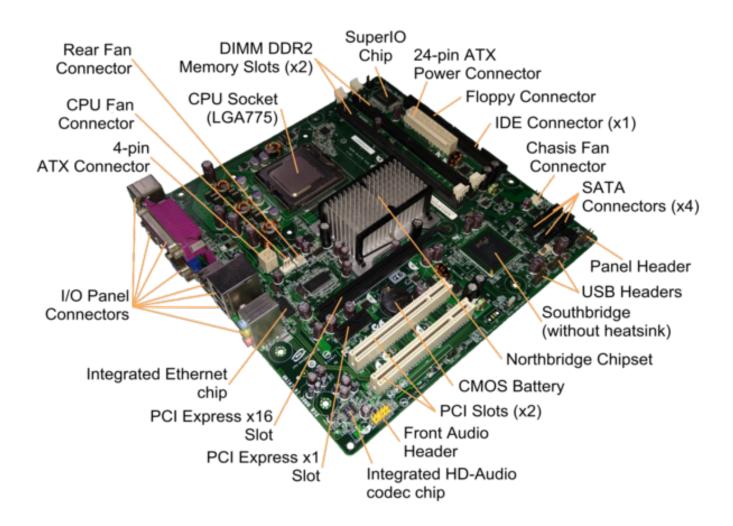


The Motherboard Components

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- 1) How many RAM slots does the motherboard above have?
- 2) What kinds of devices connect through the SATA Connectors?
- 3) What happens if you turn the computer on without any memory?
- 4) What is the purpose of the CMOS battery?

- 5) I booted up my computer and all I get is a loud beep and no video. What component should I check first?
- 6) I bought a new PCIE sound card and installed it. I'm wondering... will the Northbridge or Southbridge be handling its traffic?
- 7) I'm not sure how, but my integrated Ethernet chip failed. How can I get another network port installed on the motherboard above?
- 8) (Bonus) What is the difference between a NIC Card and an Ethernet Adapter?
- 9) (Bonus) What is the difference between LAN and WLAN?
- 10) (Bonus) Explain volatile vs. non-volatile memory?