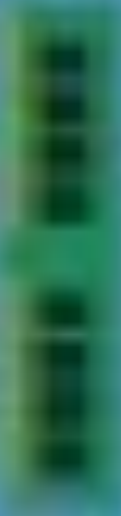
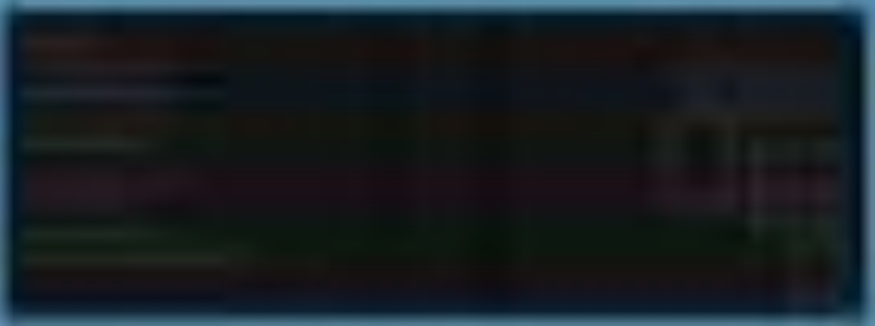
Computer Hardware

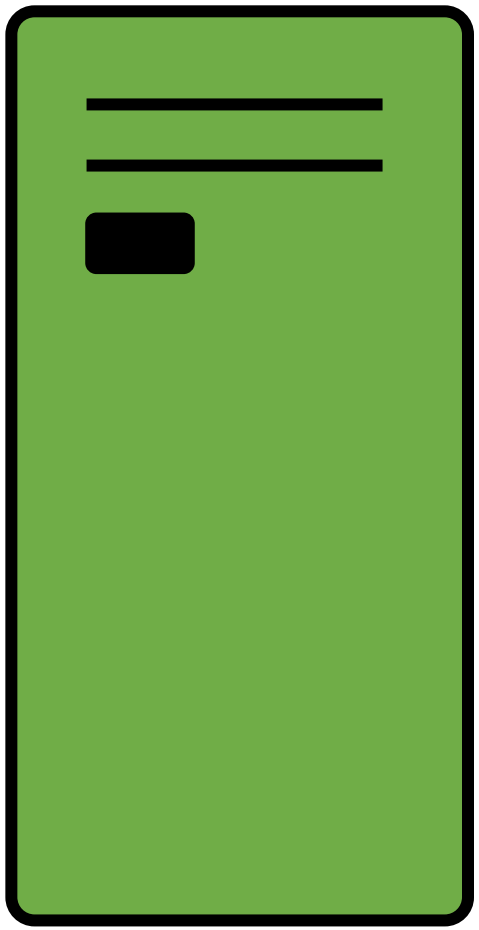
INSIDE A COMPUTER

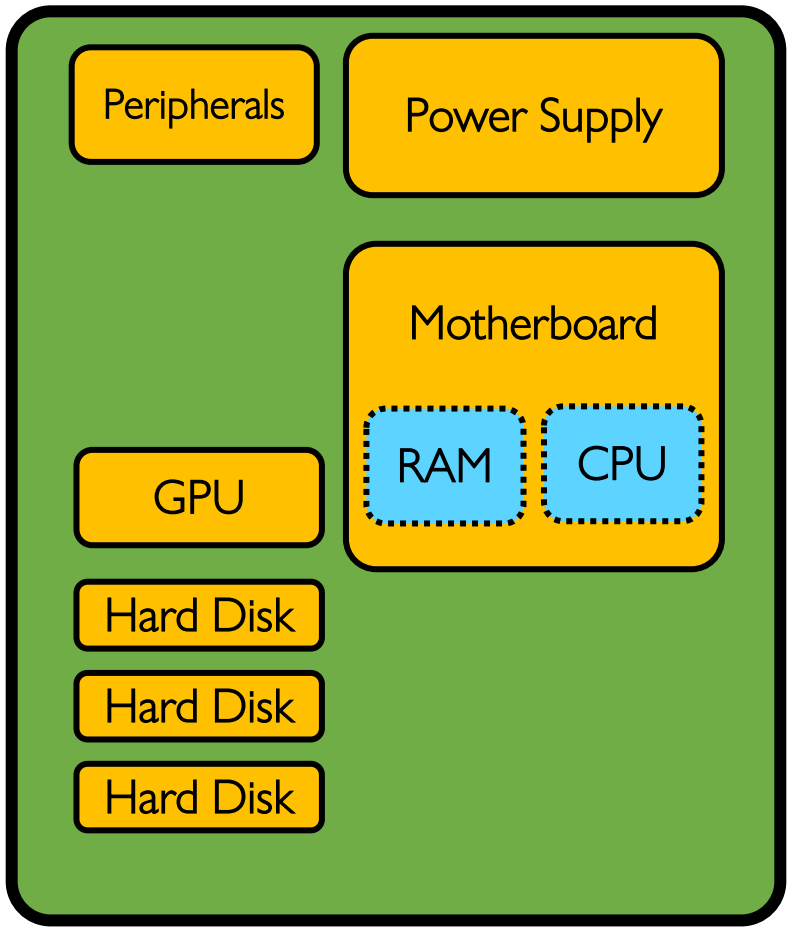
COMPUTER BASICS

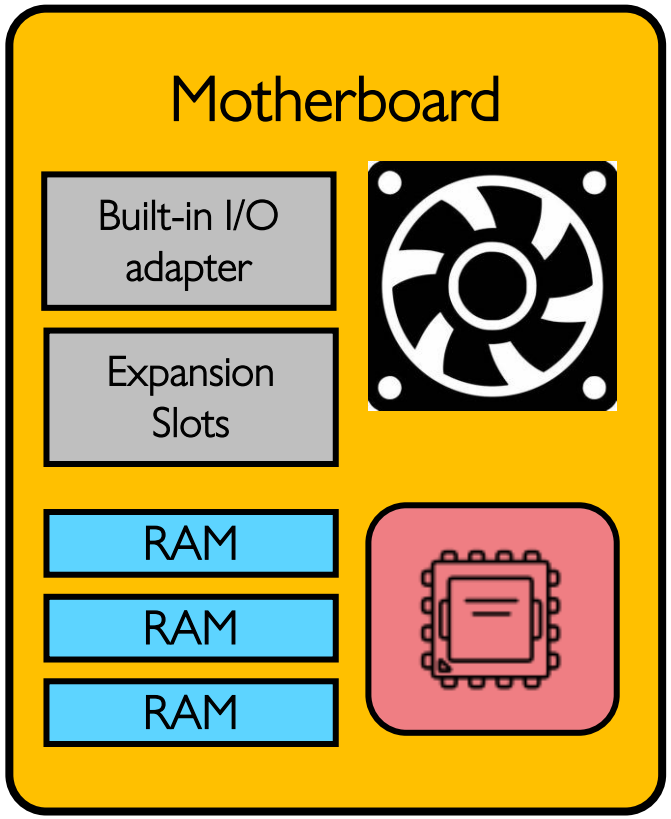




Inside a Computer

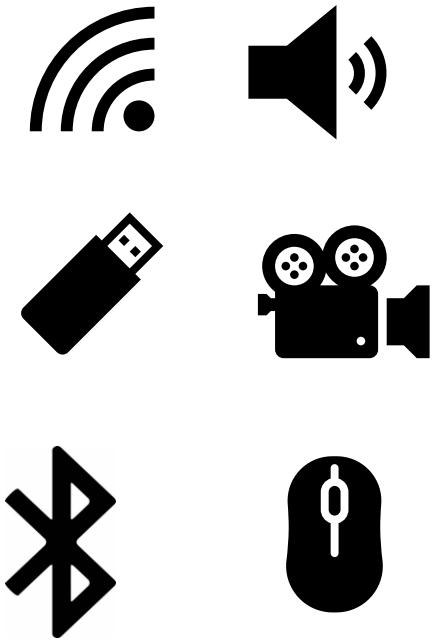






Inside the Motherboard

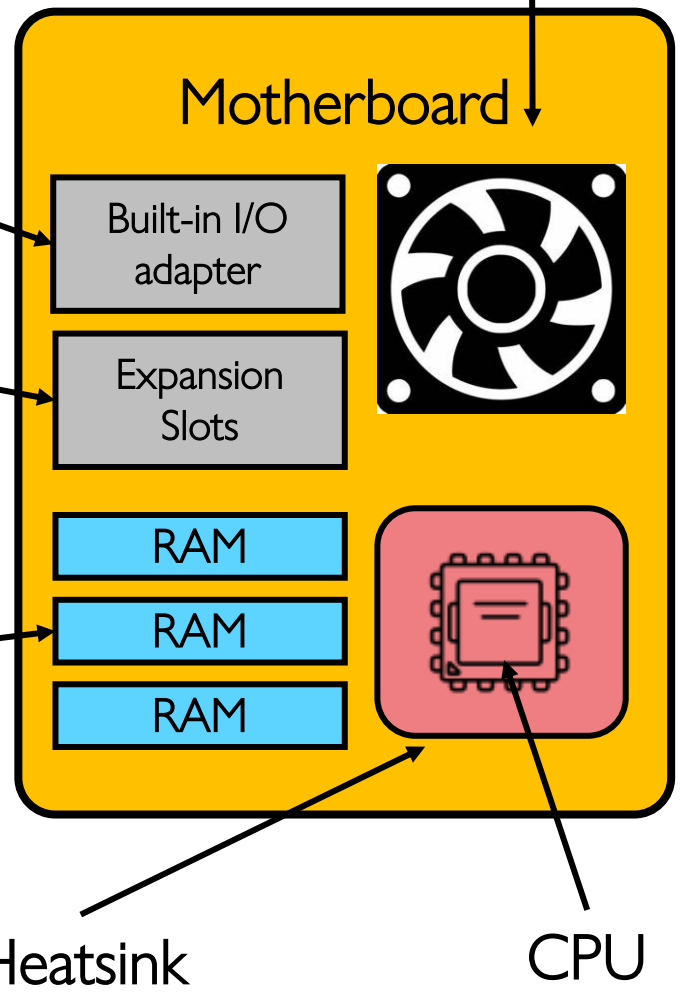
Peripherals Devices



Built in Audio, Video and Network Card

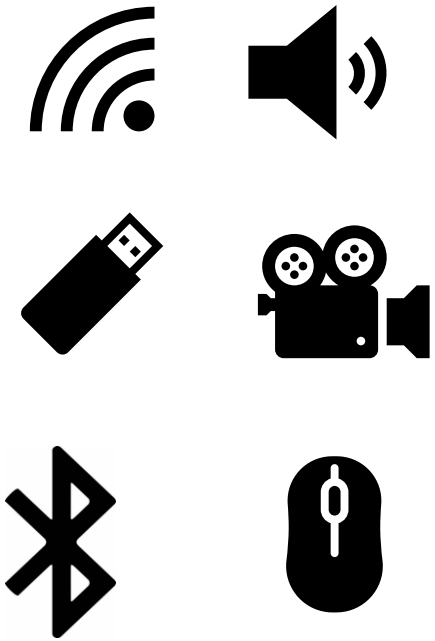
Expansion Slots to connect to peripheral devices

Slots for RAM

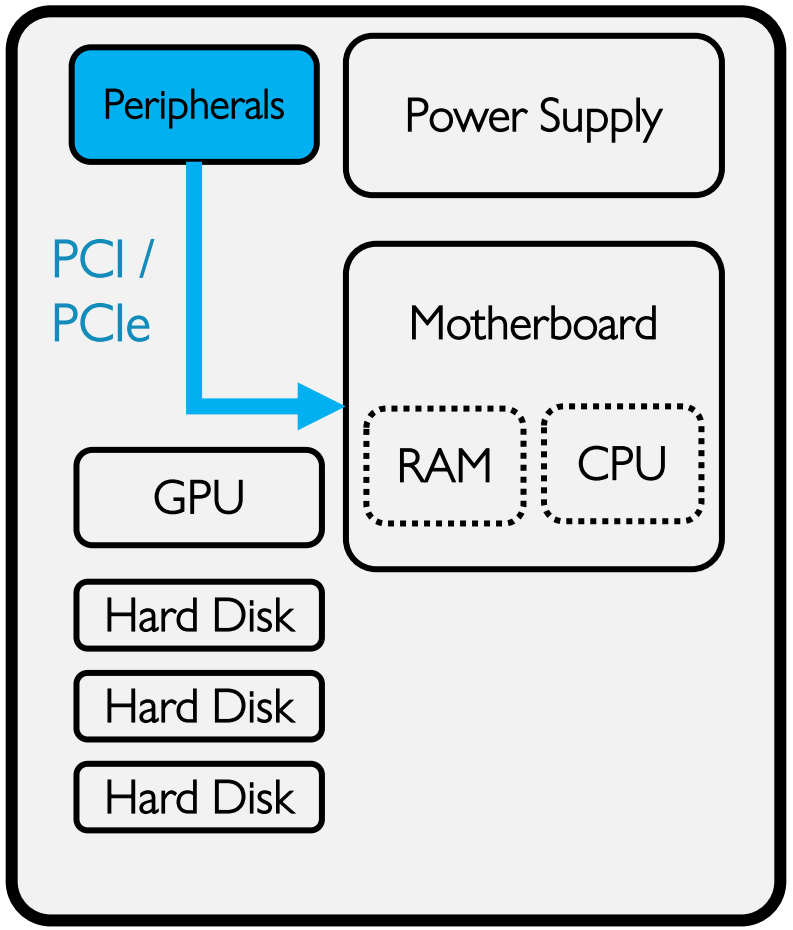


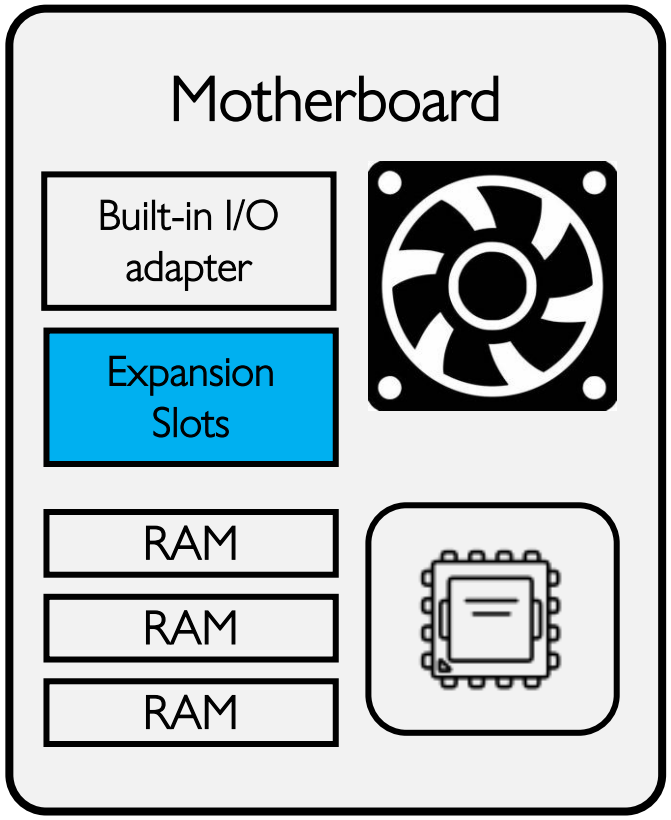
Connecting Peripheral Devices

Peripherals Devices



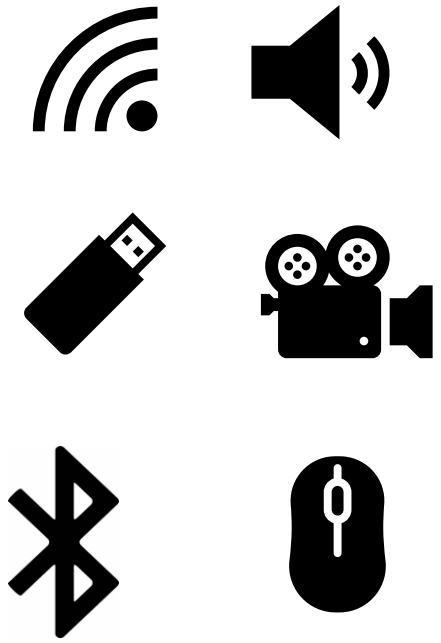
Peripheral devices can be internal or external

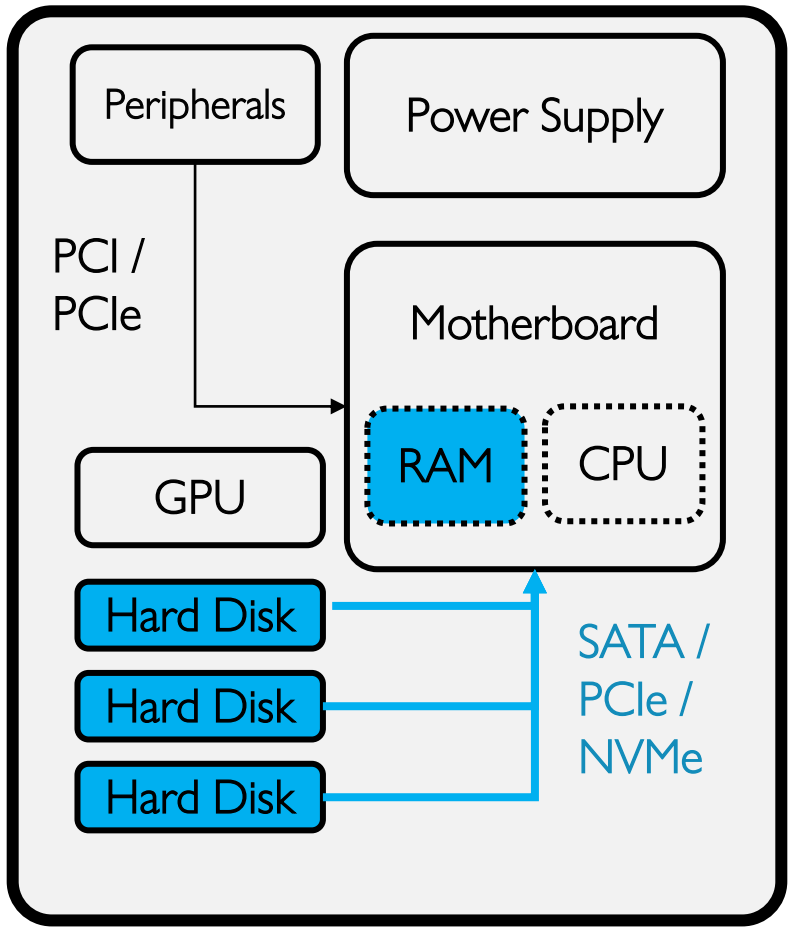


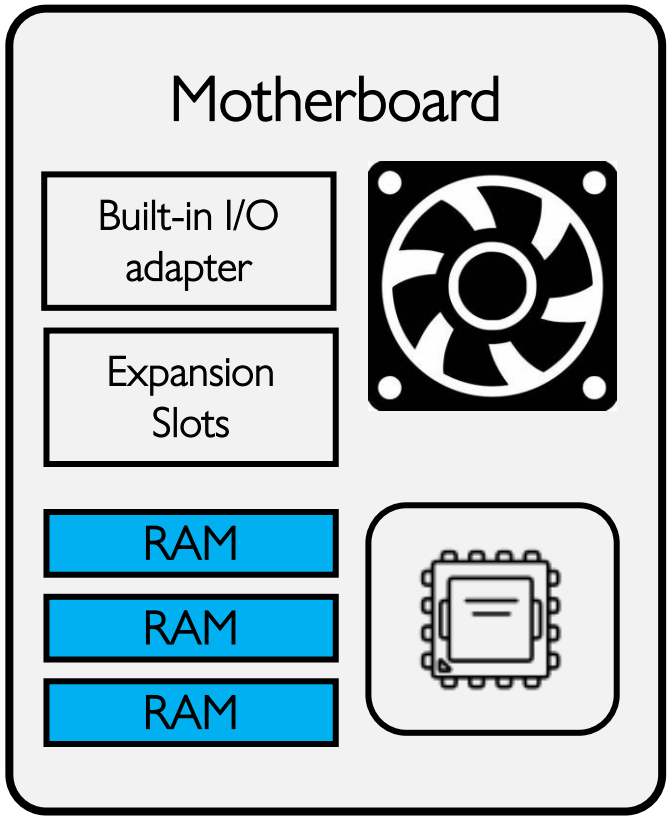


Connecting Memory Devices

Peripherals Devices

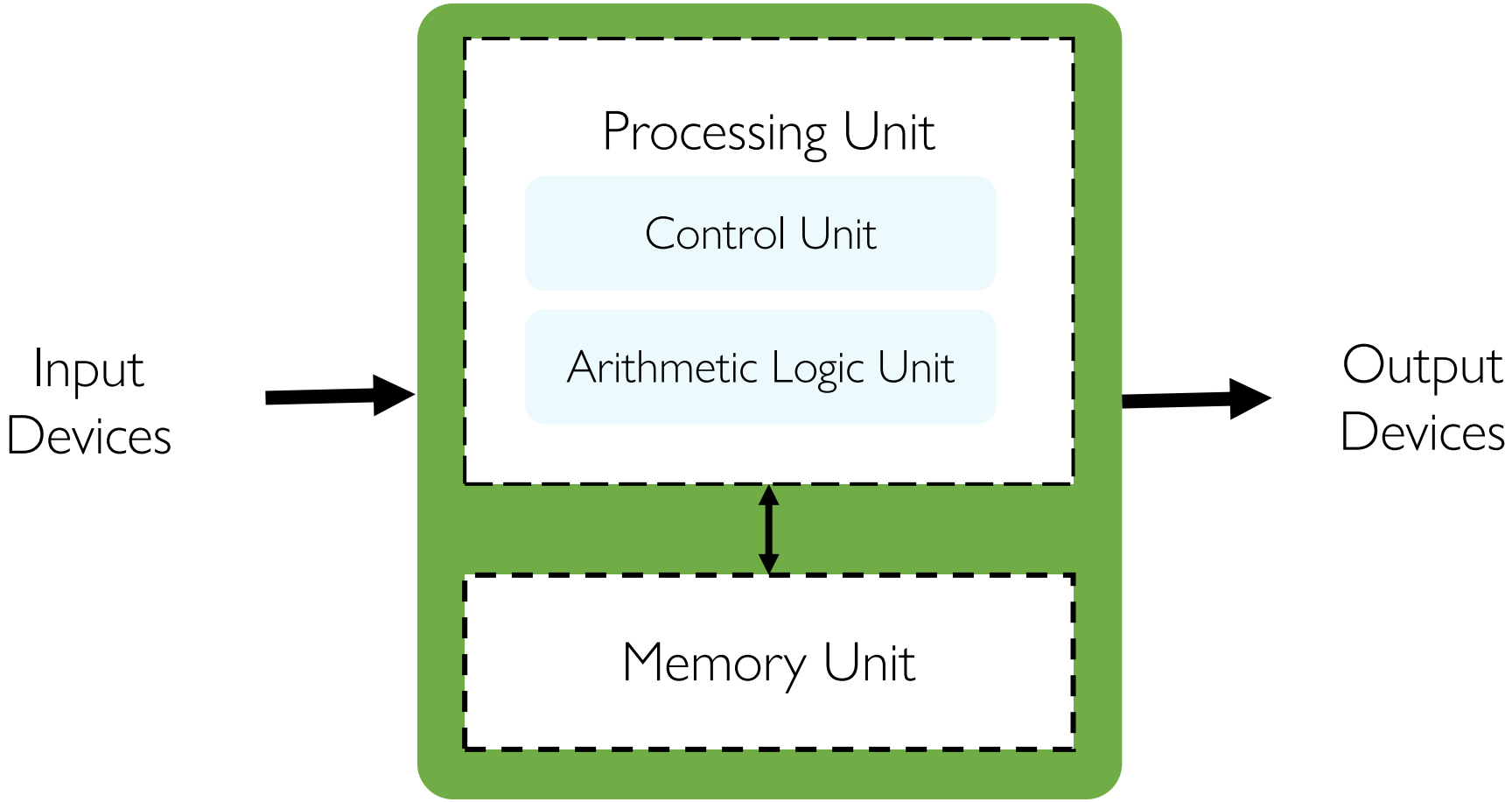






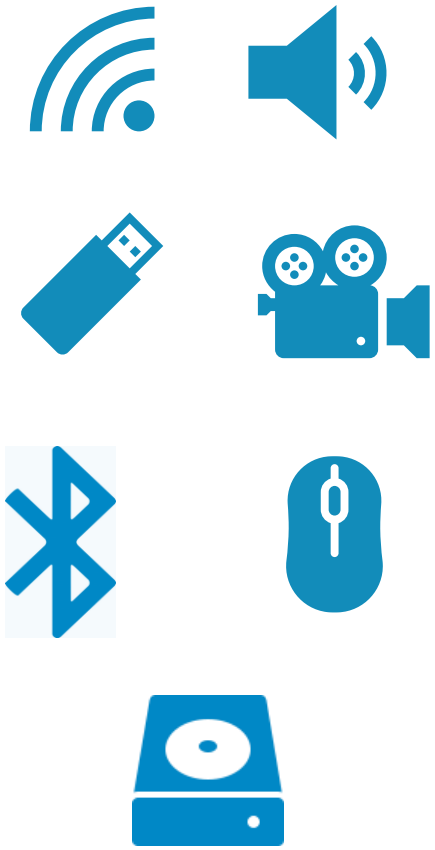
Von Neumann Architecture

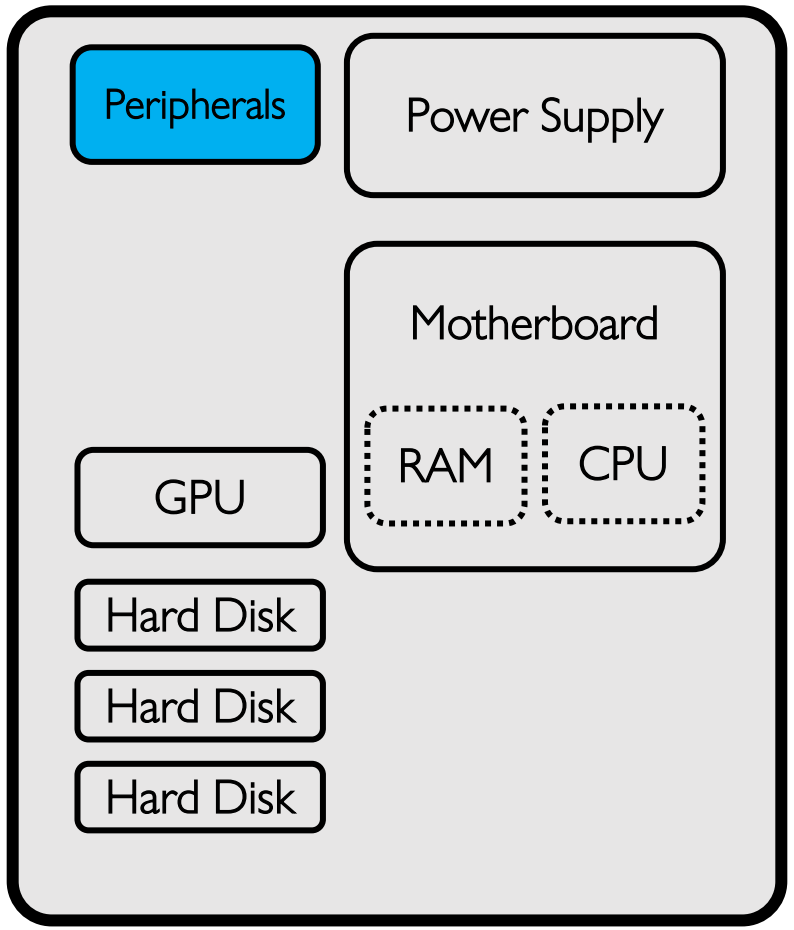
Von Neumann Architecture

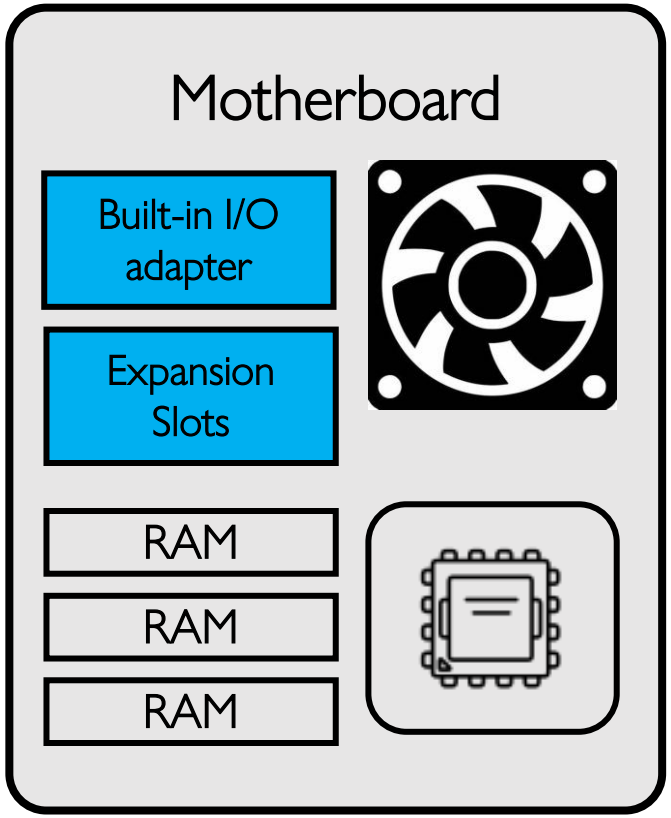


I/O Devices

Peripherals Devices

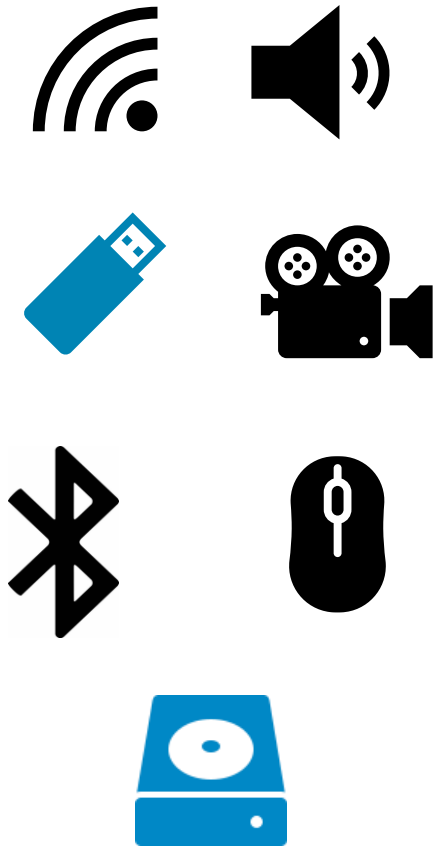


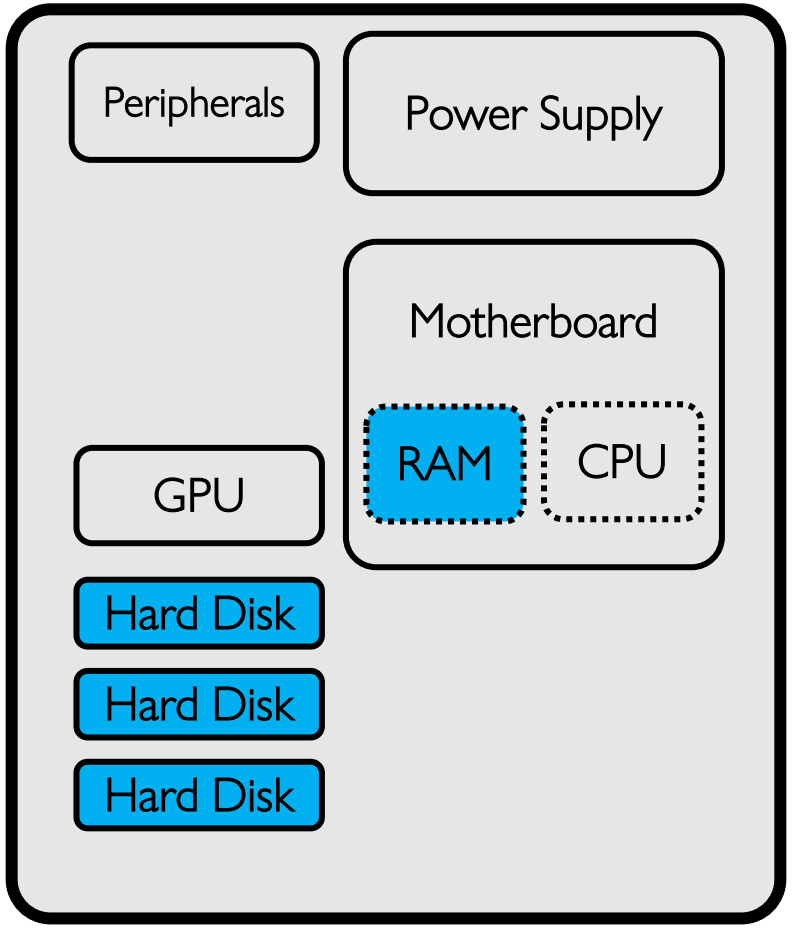


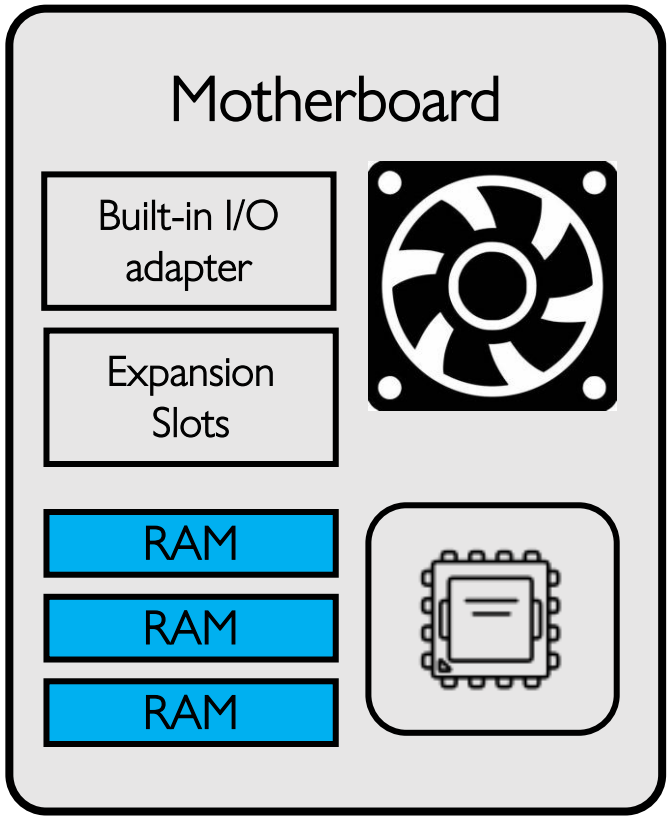


Memory Units

Peripherals Devices

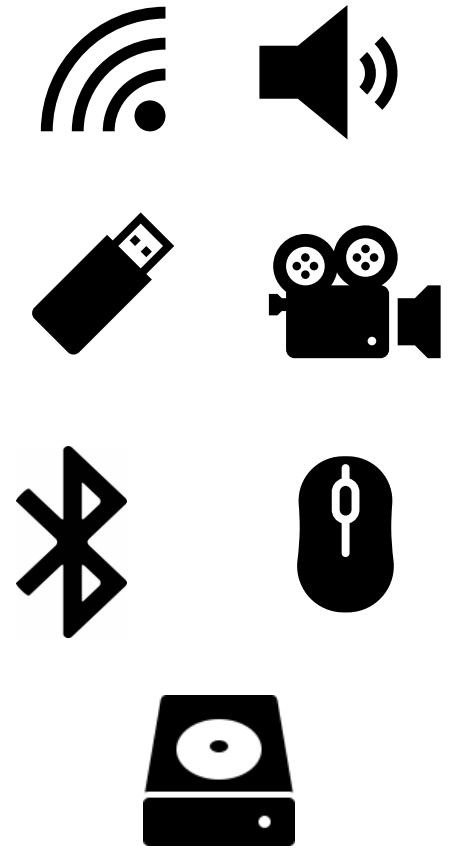


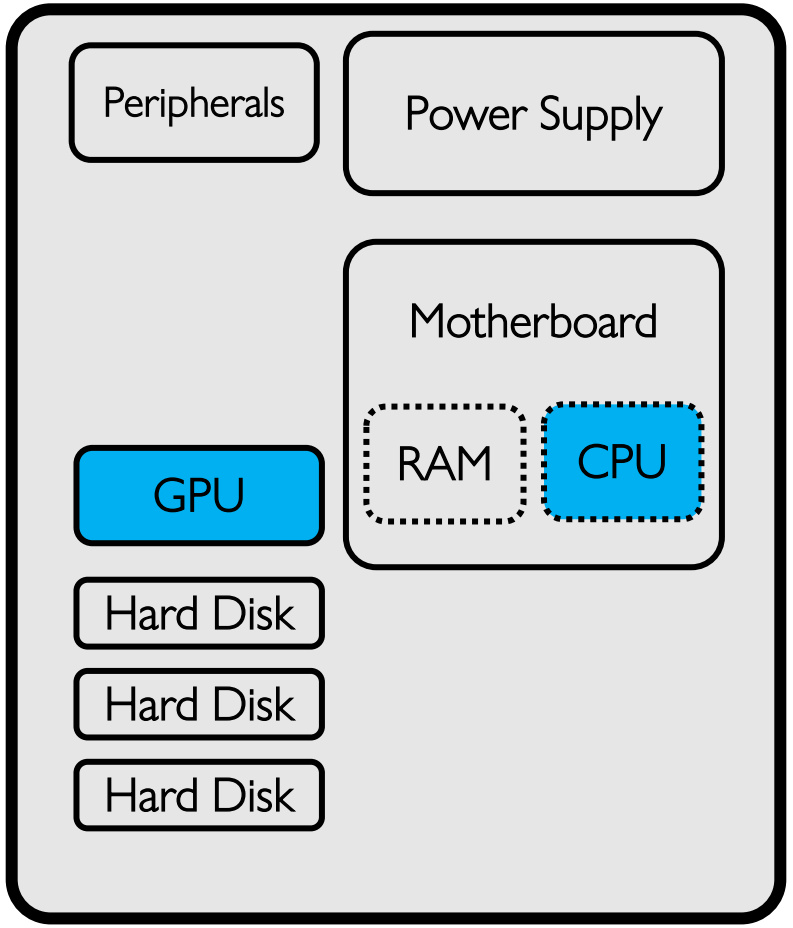


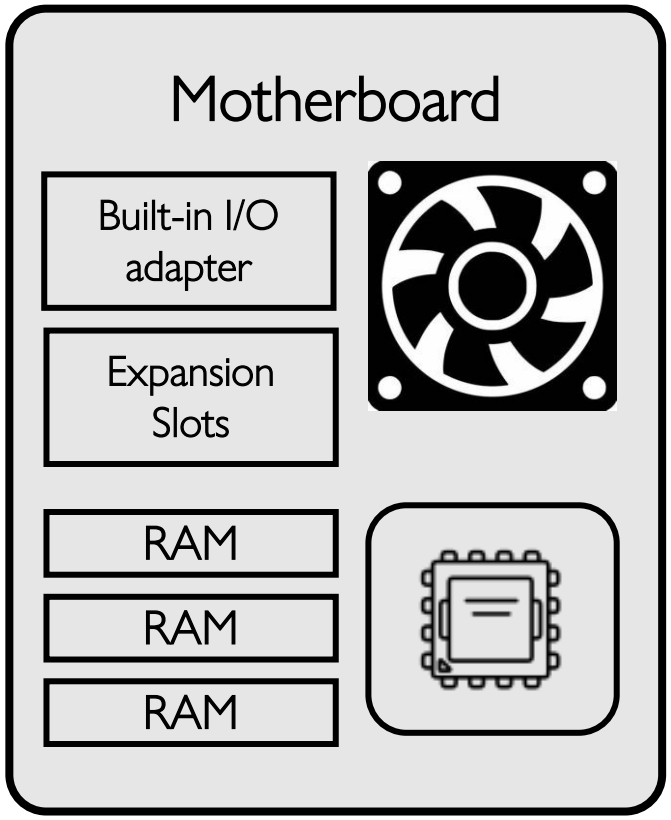


Processing Units

Peripherals Devices







Bottlenecks

I/O Devices

Input Devices

Pointing Devices

Touch Screens

Keyboards

Pen Inputs

Audio

Scanners

Video

Sensors

Displays

Printer

Output Devices

Audio

Video