

# Computer

Components: Motherboard, 2 sticks of 512mb ram, WAN port, Power Supply, CD Rom, CPU, Integrated Graphics, and a hard drive.

Our team decided to disassemble the Compaq Presario PC for the Texas Instruments Electronic Challenge. We decided to do this because the computer had become dysfunctional a long time ago, so we decided to salvage the parts that we could still use, and in the process learned about how a computer works and how to build one.

We learned about all the different parts and their functions like the motherboard which is a circuit board that the, cpu, ram, and other components are plugged into so they can communicate with each other. Like the motherboard which has many components on it, like inductors, capacitors, a super io, and many other parts, that are all used to make the computers we know today function. Also we learned about the cpu, which executes instructions stored on it called program, and is known as the brains of the computer.

The Cpu: Performs basic operations of the computer system



The CD Rom: Takes and reads CDs



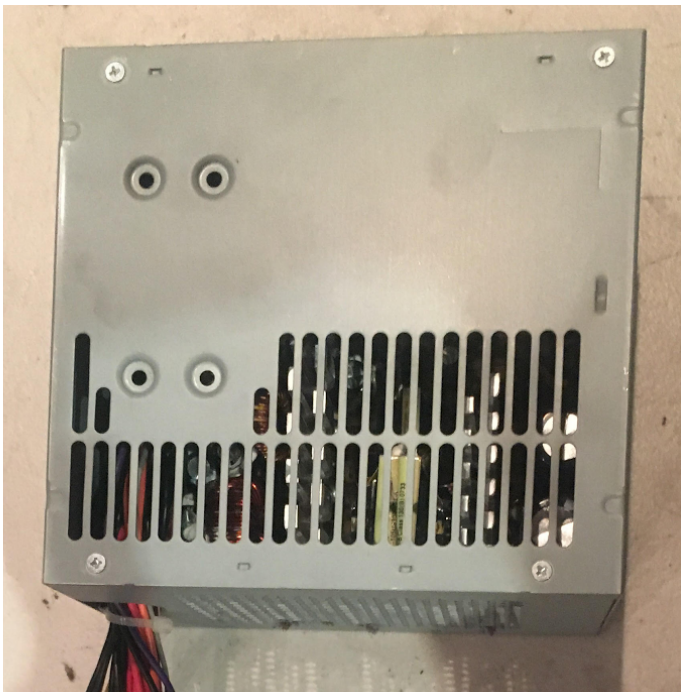
The Cpu Fan: Prevents Cpu overheating by cooling it



The hard drive: Stores information



Power Supply: Powers the entire robot

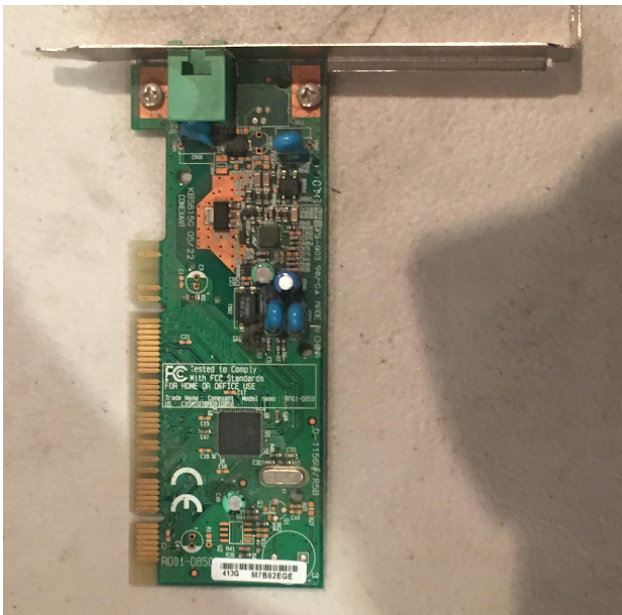




The Motherboard: Allows all connected parts to communicate with each other



Wan port: Allows a good stable wifi connection



Ram: Stores information during operation of apps and other softwares.

