

Reverse engineering challenge

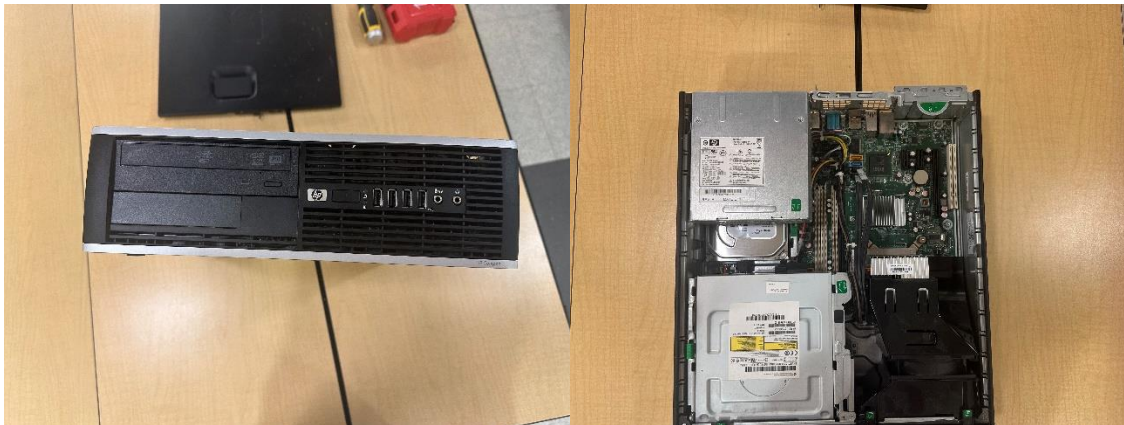
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Pc case

The case helps with protecting the components from multiple things such as physical damage intrusive foreign objects and electrical interference.



CPU



The central processing unit (CPU) is better known as the brain of the computer. It is the control unit that processes every computer operation. The CPU is made out of microprocessors that have the circuitry and logic to process whatever task you put on it. Depending on the CPU some might even have display capabilities and don't need a graphics card.

CPU cooler

A part that absorbs the heat from the heat spreader on the CPU and dissipates the heat away.

(Picture not attached because the computer didn't come with one.)

Motherboard

The motherboard is a crucial part of the operation because it's the piece that takes care of putting all the pieces together and communicating between each other. It also distributes electricity to all its components. Without the motherboard nothing would be able to communicate. It is made out of circuits that make everything function.



Ram

Its function is to store short term memory that you need to retrieve quickly.

(Picture not attached because the computer didn't come with one.)

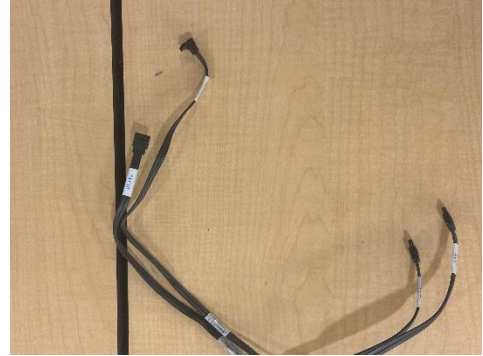
Hard drive



The Hard disk drive (HDD), better known as a hard drive, is the component whose job is to store all your digital data like documents, pictures, videos and more. There are two main pieces to it the platter, which is a magnetic disk containing tracks that is responsible for retaining the data and the second piece is the actuator arm that moves across the platter to write and read data.

Sata cables

SATA cables or serial advanced technology attachments are responsible for connecting several kinds of storage devices like hard drives, solid state drives and even connect to optical drives.



DVD optical drive

AN optical disc drive (ODD) is a accessory that allows for CD's, DVD's, Blu-ray discs and many more to be read and written on. The groves on the discs allow the light on the reader to both read and write on to the discs.



Power supply



The power supply unit (PSU) it's a hardware that changes ac current to dc current and distributes it to the rest of the components.

Case fan

A vital piece to the computer because it keeps it cool by dissipating the heat created by the components.

