PC “Destruction Derby” Teardown

Some components to look for...

Scavenger Hunt?
Motherboard

- Probably the first thing you’ll see, it’s large...

- Role: interconnect for all the other pieces.
Heat Sinks

• Often spiky and weird looking. Will probably be a few of these.

• Role: use large surface area to pull heat off components.
Central Processing Unit (CPU)

• Small square with lots of tiny pins. Found under a large heat sink.

• Role: execute program instructions, drive the machine.
Memory / Random Access Memory (RAM)

- Small rectangular board found in motherboard sockets.

- Role: short term memory / scratch space for current execution.
Disk (Traditional Spinning)

- Chunky metal box with spindles inside.

- Role: long term file data storage.
Disk (Solid State)

• Small metal/plastic box with circuit boards inside.

• Role: long term file data storage.
Graphics Card

• Large board, plugged into motherboard socket, with heat sink.

• Role: send images to monitor.
Be Safe, Have Fun!

• We don’t need these machines, will recycle left over parts.

• Watch for sharp metal!

• Wash your hands afterwards.

• Don’t eat thermal paste (duh?)