

Team: 5297A

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The device we are disassembling is a iPAQ. It is an HP cell phone. We selected this device because we thought that it would be interesting to disassemble a cell phone because of its components.

It had a mini keyboard that was used to text and other things you might need a keyboard for. It is a pretty old device, meaning that it had old parts from it. There was a camera on it to take pictures. The keyboard had button caps, and under that was a field of buttons that corresponded with the button caps pressed. There was a rubber plane on top of the button switches and the switches were on the bottom. The rubber was there to keep them in place. There were no Texas Instruments components in this device.

The network is GSM. The SIM card model was a mini-SIM. The display was a TFT resistive touchscreen with 65K colors. It was 2450 x 240 pixels, 3 inches by 3 inches. It used Microsoft Windows Mobile 205 PocketPC. It had an intel PXA 270 416 MHz CPU.

We learned that there are many more parts and chips in a phone than we thought there was. We also learned that technology was still advanced around the 2000s. Lastly, we learned about the parts in a phone.



Camera Lens Disassembly



Phone Intersection Keyboard

