



What's Inside an iPad?

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Have you ever wondered what it looks like inside an iPad 2? How thick and strong is the glass? Where is the CPU? How big are the batteries? Taking your mom's iPad apart is NOT a good idea, but you can still see what they look like inside, thanks to these sites and videos.

1. Where is an iPad made?

In China in a huge factory called Foxconn. Thousands of workers and robots work (and live) in a city-sized facility, where they make all sorts of computers -- not just iPads. Want to see what it looks like? We found some photos <http://bit.ly/q8c4FV>

2. How do you take an iPad apart?

You can't. Apple seals the parts with glue. At <http://www.ifixit.com/Browse/iPad> however, you can find step-by-step instructions on how to open an iPad, using such things as a hair dryer, guitar picks, and special prying tools. If you try such a thing, remember that the iPad is full of dangerous parts and it is very unlikely you'll get it back together again. It is much easier to look at the photos.



3. Which is faster?

- a) A Color Nook
- b) An Amazon Fire
- c) An iPad 2

At Geek.com <http://bit.ly/trsFnr> these three tablets are compared. You'll learn that each has a processor that is the same speed (1 GHz). The

Nook and Fire are smaller, lighter and more portable; the iPad is thinner and has the best battery life.

4. What's the most expensive part in an iPad?

At iSupli.com, <http://bit.ly/eorsWY> you'll learn that it costs Apple \$336 to make an iPad 2. Of that, \$127 goes for the touch screen (with special aluminosilicate glass) and \$26 is for the 10 hour batteries.

5. How strong is the glass?

Watch this video, and you'll learn that the iPad 2 glass can bend <http://youtu.be/r4vvQq7BpiE>.



APPLICATION

The parts of computers generally fall into three categories: **input**, **storage**, and **output**. Find any unused laptop, get some tools, and take it apart. Stack the parts into three piles. Are there any that don't belong?

YouTube LittleClickers YouTube Playlist: Inside an iPad

<http://www.youtube.com/user/childrenstech#grid/user/EDE4C5D4AE2A6C4F>

						
Foxconn To Build New China Plant TantaoNews 861 views	A typical work day for a Foxconn worker in NMANewsDirect 14,327 views	Nexus One: The Story - Episode 4: GoogleNexusOne 246,012 views	iPhone 4 manufacturing movie arcmatica 73,621 views	Apple - iPad 2 - TV Ad - We Believe Apple 1,880,814 views	iPad Disassembly by TechRestore TechRestore 644,565 views	iPad 1 vs iPad 2 strength test by iFixYourI 793,401 views