NeXTstation Teardown

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INTRODUCTION

NeXT Computer was founded in October of 1985 when Steve Jobs was forced out of Apple by John Scully. He started NeXT as a high-end computer company targeted at the University/Scientist/Computing Industry. NeXT only ever released , the NeXTStation, and The NeXTCube, in different variations. NeXT computers were high-end workstation computers, and only a few thousand were ever sold. The NeXTStation featured a, though the Turbo NeXTStation featured a68040. There were color and non-color variations of the NeXTStation. The world's first web server was created by Tim Berners-Lee, at CERN on a NeXTCube. NeXT computers were used to make games like Doom, and Wolfenstein. This is my&W NeXTStation. Mac OS X Is based off of NeXTStep, the NeXT OS.

🔧 TOOLS:

- Phillips #00 Screwdriver (1)

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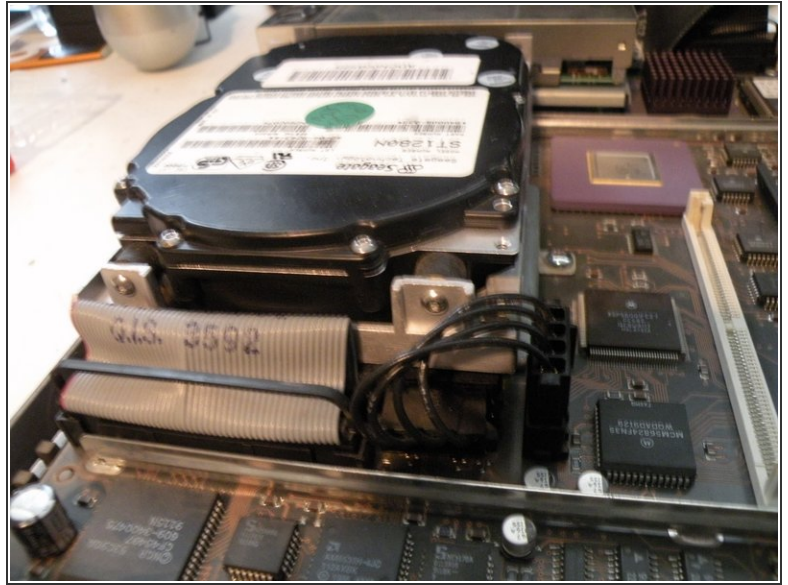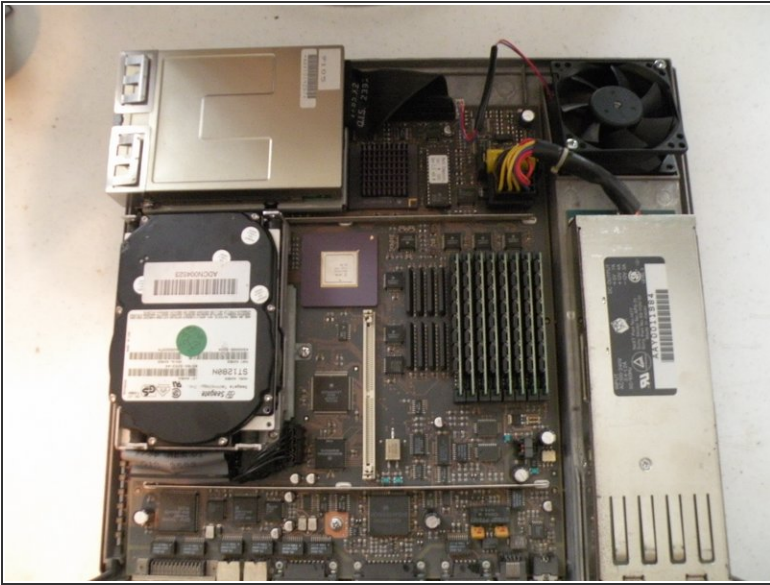
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Step 1 — NeXTstation Teardown

- The NeXTStation, this is a great addition to any computer collection.
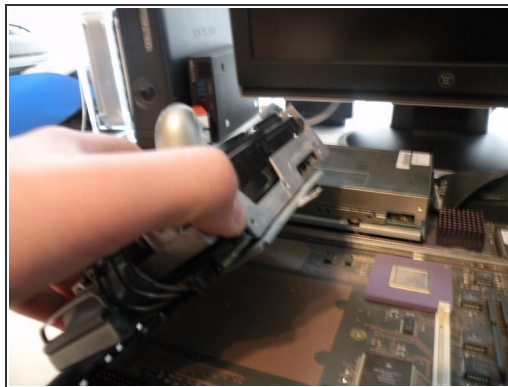
Step 2

- Turn the NeXTStation around, and remove this screw:

- Then, lift the top cover of the computer. This will reveal the guts.

- The ports from left to right: SCSI2, Keyboard & Mouse, DSP Port, DB-19(MegaPixel Display), DB-9(Serial), RJ-45(Ethernet), Coaxial (10b2 Ethernet), Power

- I find notes in everything!

Step 3

- Removing the hard drive:

- The NeXTStation uses a 50-Pin SCSI Hard Drive up to 4GB.

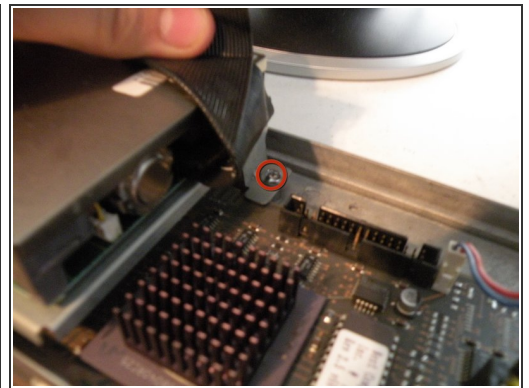- Remove all of the cables from the logic board.

Step 4

- Then remove this screw.

- Once the screw is removed, pivot the drive up on a 45 Degree angle, then slide it out.
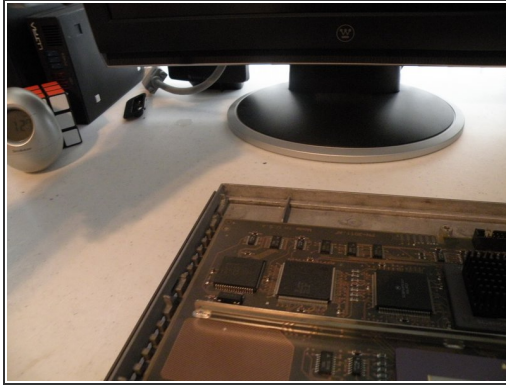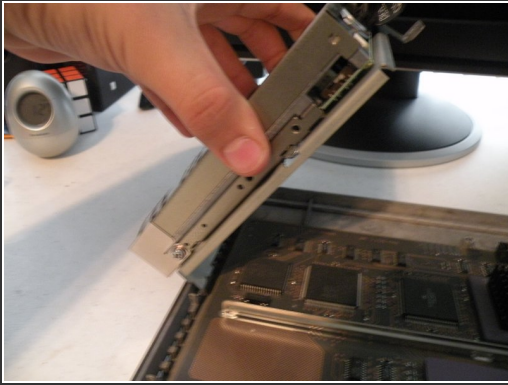
Step 5
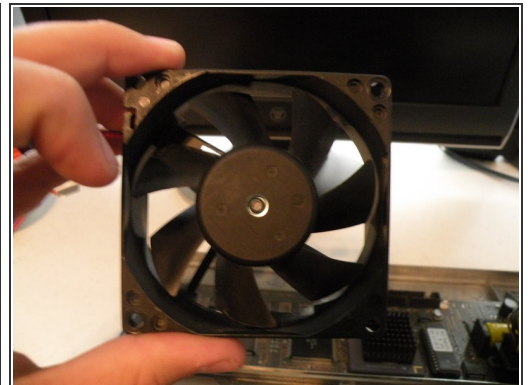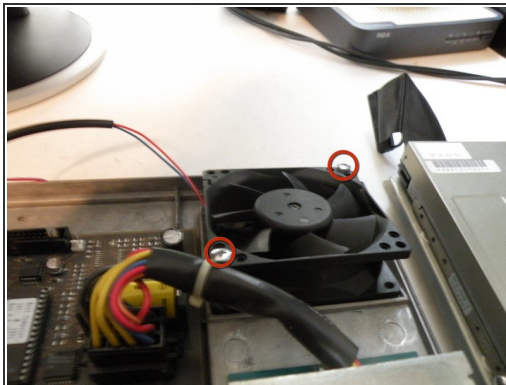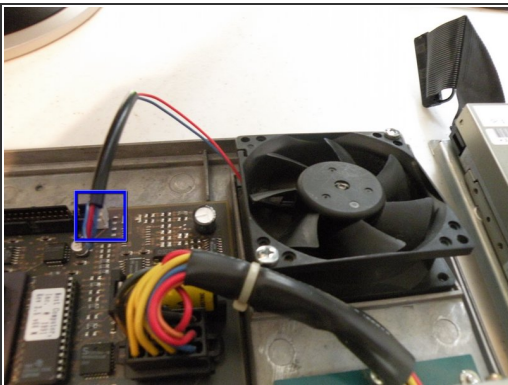

- The Hard Drive & Caddy

Step 6

- Removing the floppy disk drive:

- The NeXTStation uses a non-standard 2.88MB 3.5" floppy drive, though it uses the standard floppy connector.
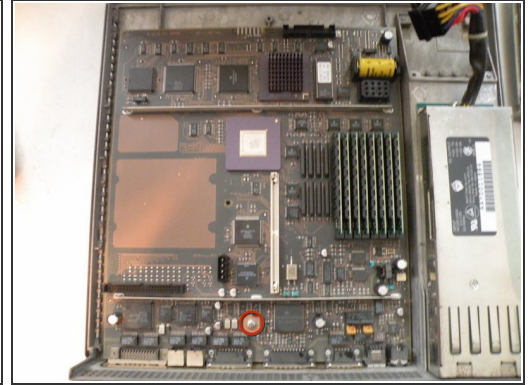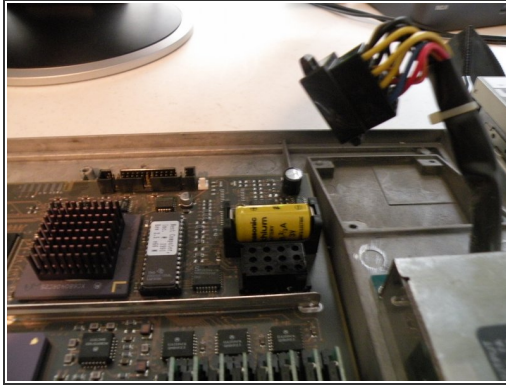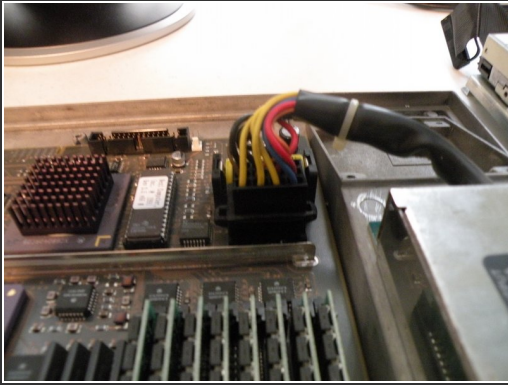
- Remove the floppy cable.

- Then, remove this screw.

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Step 7

- Then, just like the hard drive, pivot the drive up 45 degrees, and pull it out.
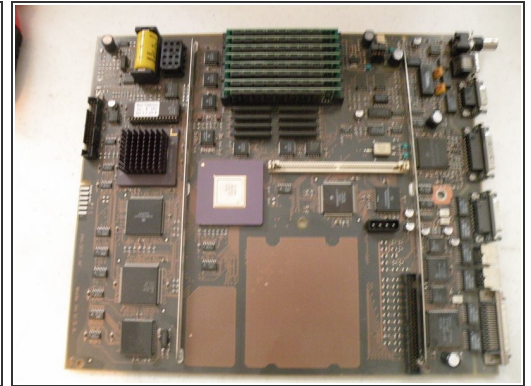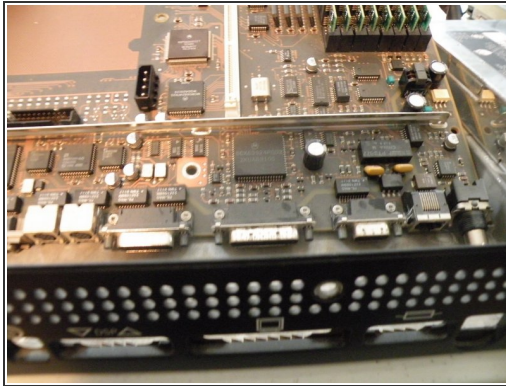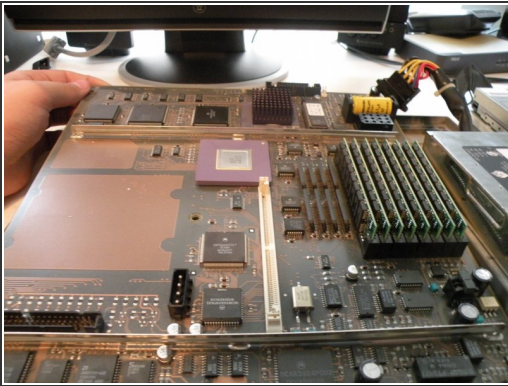
Step 8

- Removing the fan:
- Remove this connector.
- Remove these screws.
- Remove the fan.

Step 9

- Removing the logic board:

- Remove the power supply connector. Just lift it straight up, and it should come free.
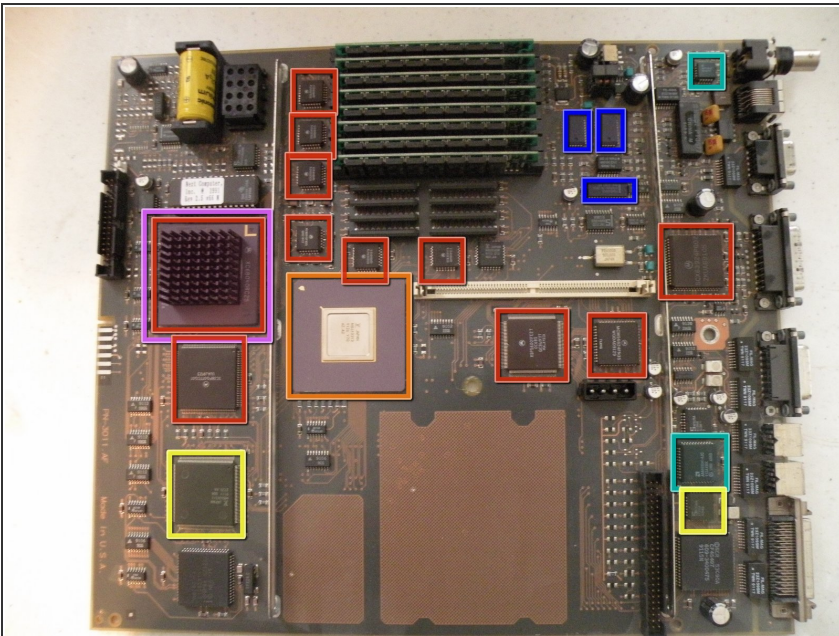
- Remove this screw.

Step 10

- Lift the end of the logic board(away from the ports), and slide it away from the ports.

- Now, set the board aside.

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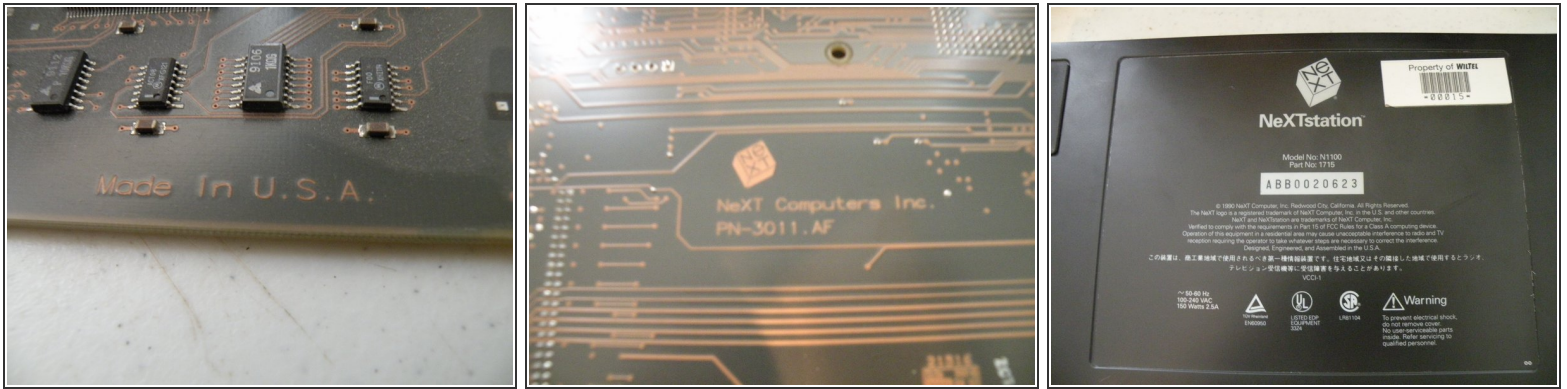
Step 11

- Power Supply:

- Remove this screw.

- Lift the power supply up, and out.

Step 12

- The Logic Board Overview:

- The Board has a 25Mhz Motorola 68040 CPU, This board features a ton of chips for something made nearly 20 years ago.

- The CPU: Motorola XC68040RC25

- The Co-Procesor: MB610313

- Motorola Chips

- Intel Chips

- AMD Chips (Intel and AMD In the same computer?)

- Fujitsu Chips

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Step 13

- Made in the USA, you don't see this anymore.

- The Serial #

- Looks like my NeXTStation came from WilTel.

- It is model # N1100

To reassemble your device, follow these instructions in reverse order.