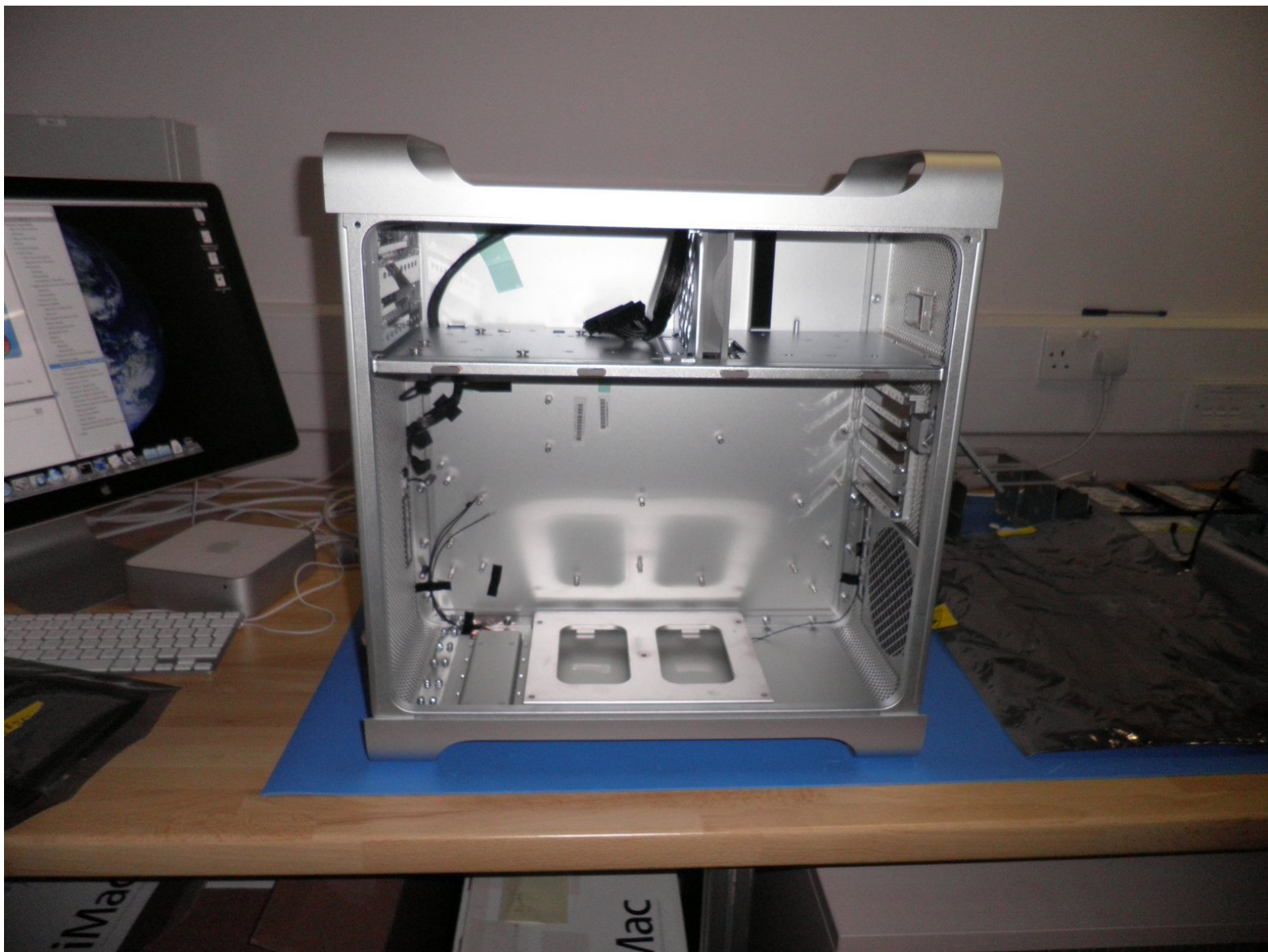# Mac Pro Early 2009 Teardown

This guide is to take apart a Mac Pro Early 2009 8 Core and to show parts of the Mac Pro and the difficulties of rebuilding it.
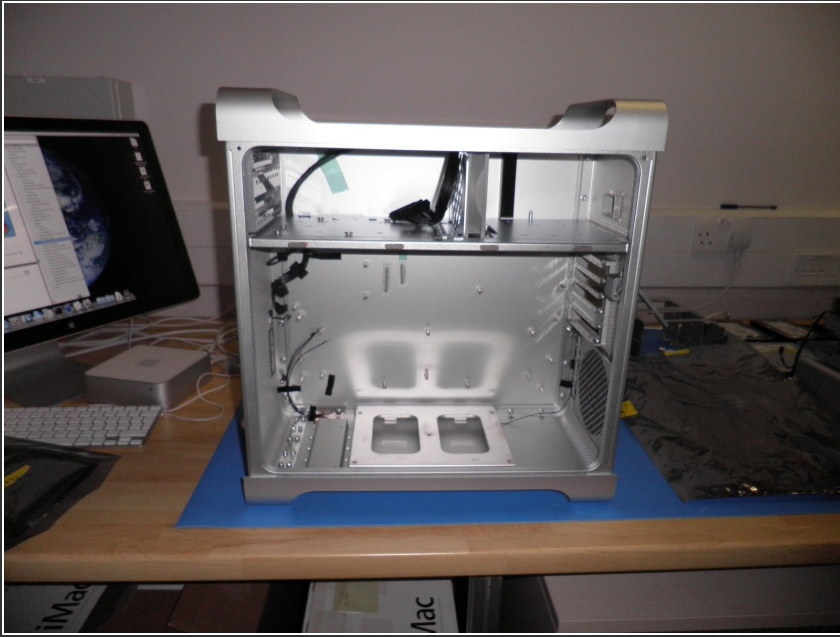
Written By: zongo

INTRODUCTION

Mac Pro Early 2009 8 Core.

🔧 TOOLS:

- iFixit Opening Tools (1)
- Spudger (1)
- 64 Bit Driver Kit (1)

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Step 1 — Mac Pro Early 2009 Teardown
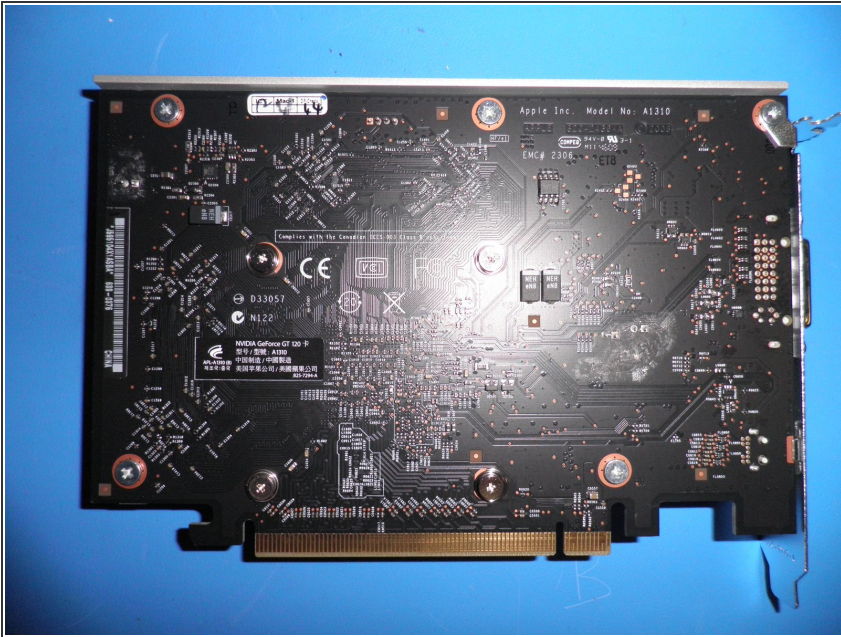

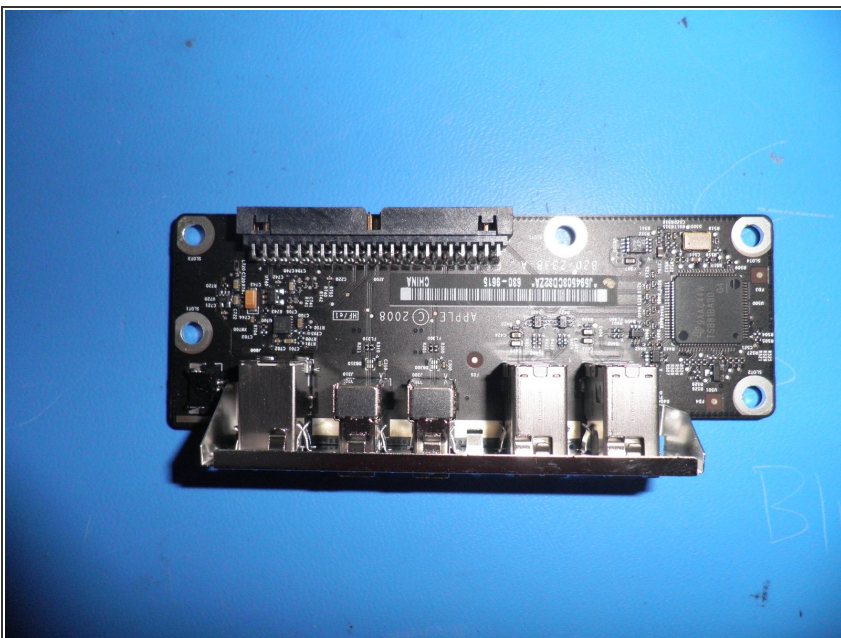- I took the Mac Pro Apart.

Step 2

- added the PSU
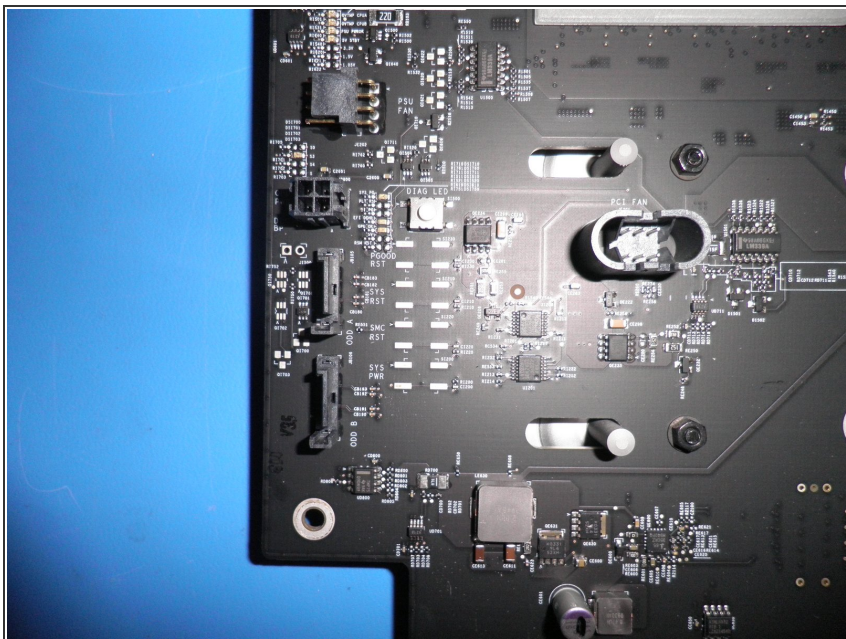
Step 3

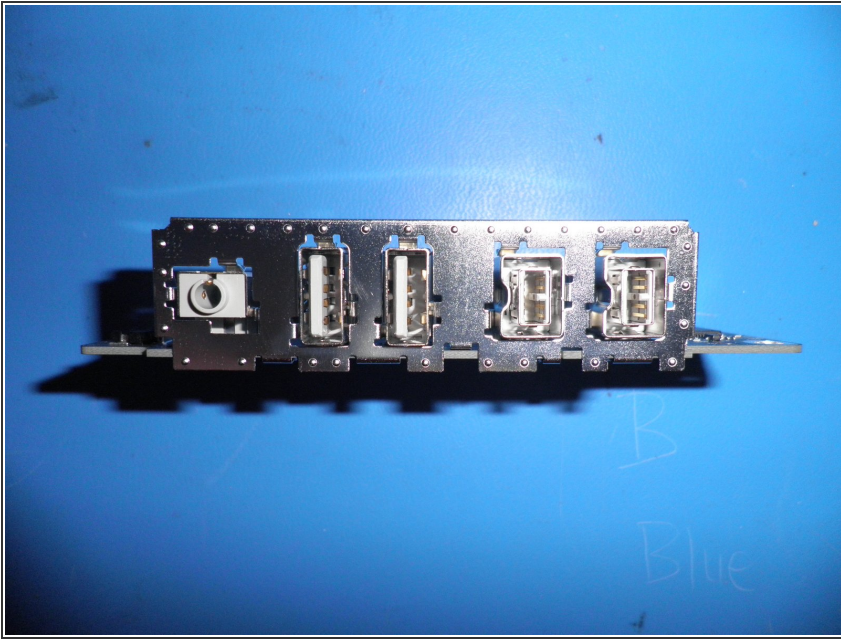- added the backplane board

Step 4

- Front Panel Board

Step 5

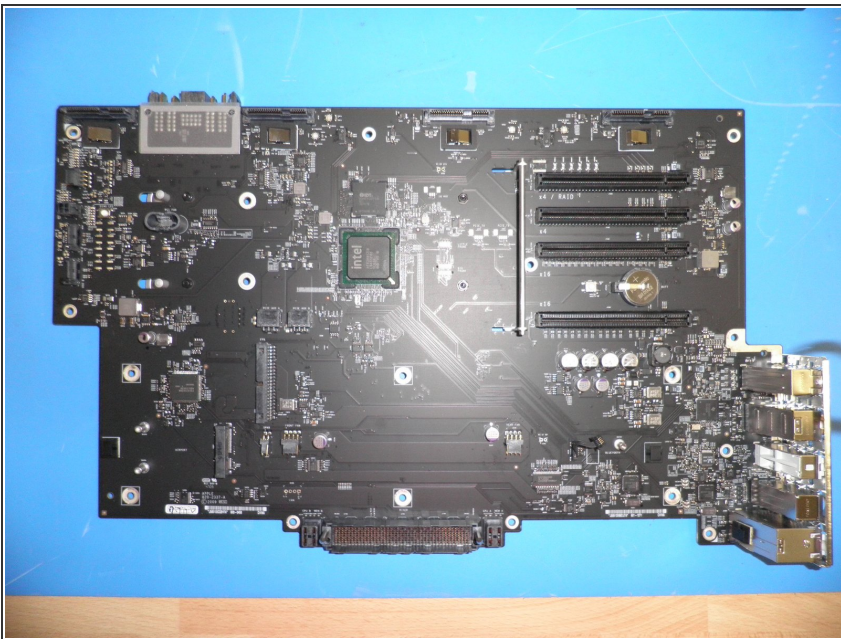- Here you can see the LEDs of the Mac Pros, and the DIAG_LED bottom

Step 6

- The front panel board to backplane board cable

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Step 7

- another view of the front panel board

Step 8

- Another view of the backplane board

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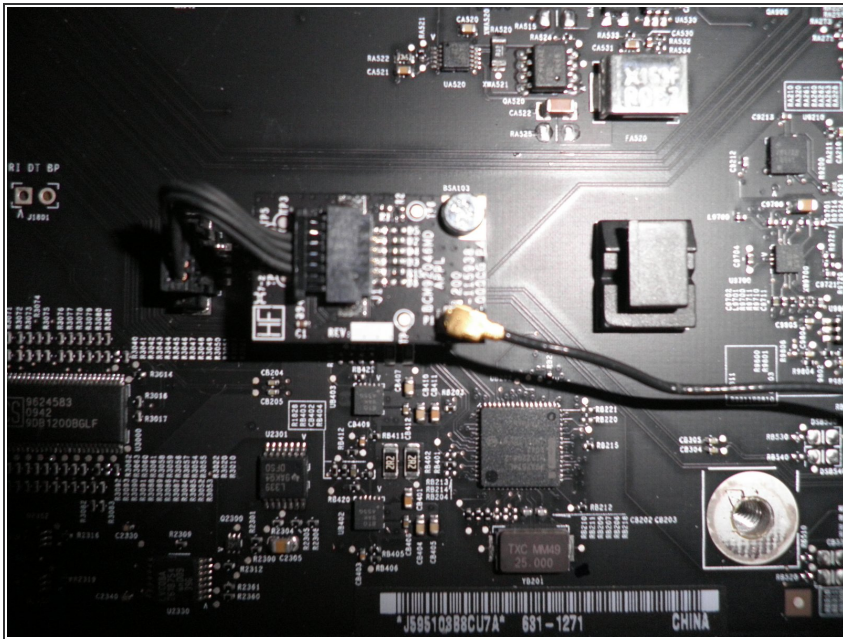
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Step 9
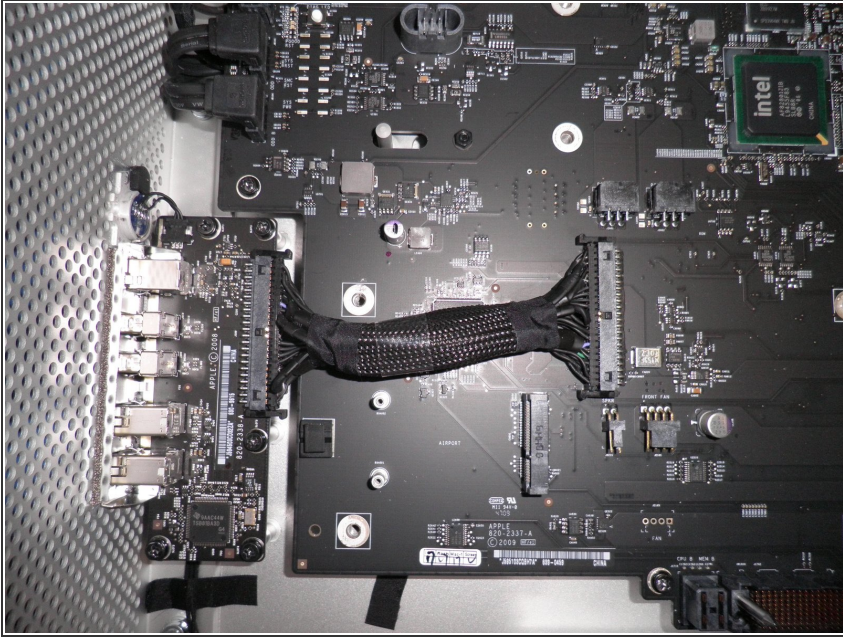
- BackPlane Board and frontPanel Board linked by FrontPanel Board to BackPlane Board cable
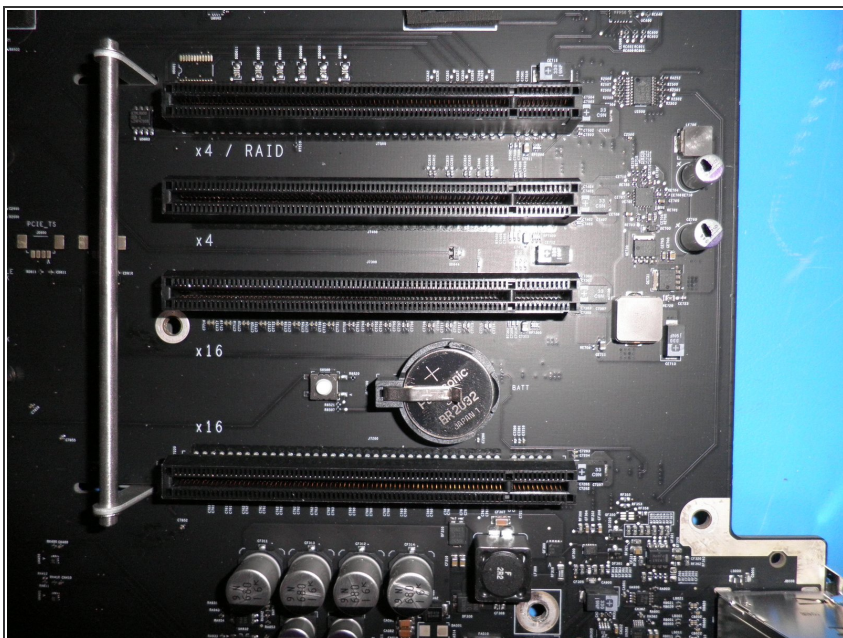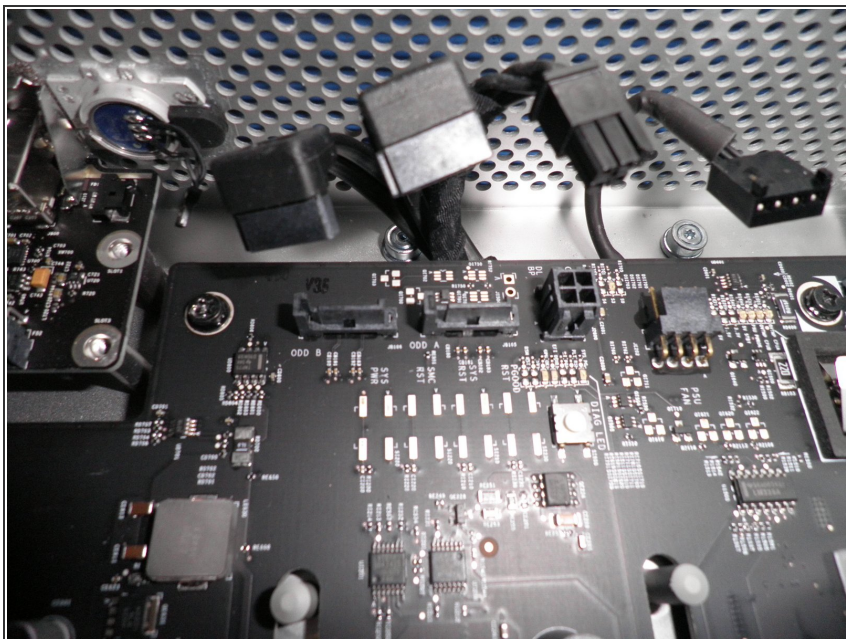
Step 10

- Bluetooth antenna connected to the card on the Backplane board. One needs to be careful because if not connected the Antenna needs to be attached in order not to short-circuit the backpanel board.
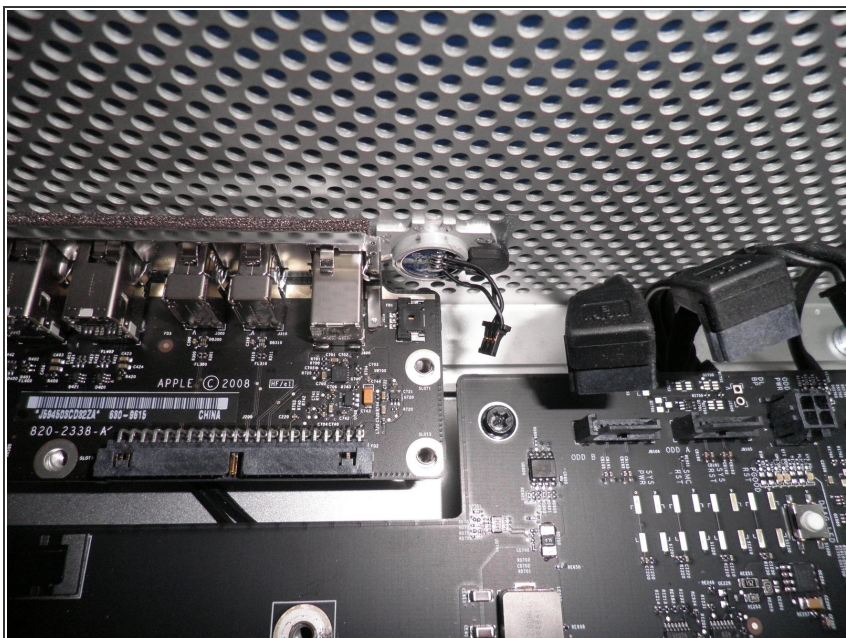
Step 11

- A view of the PCI Slots on the Mac Pro Early 2009

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Step 12

- Optical Drive Cables on BackPlane Board.

Step 13

- A view of the power button that needs to be connected on the front panel board.

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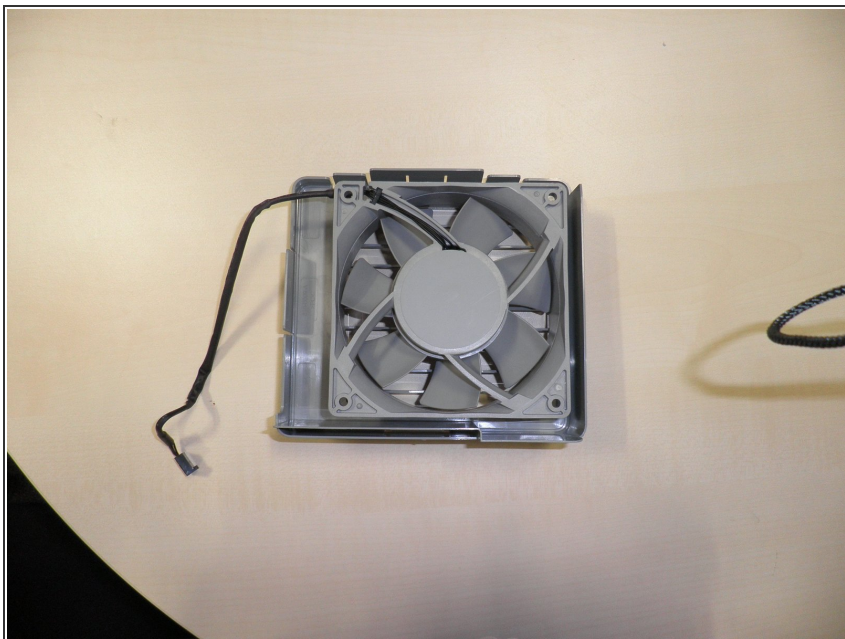
Step 14

- Processor Cage

Step 15

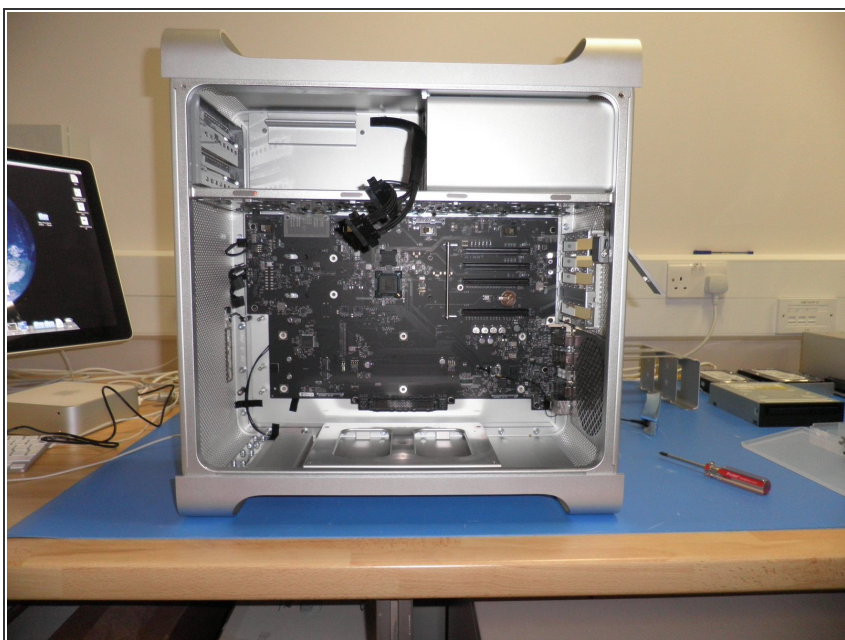- Left Fan in processor cage with speaker.

Step 16

- right fan in processor cage. Remember, two clips to take the a fan apart. Top and Bottom.
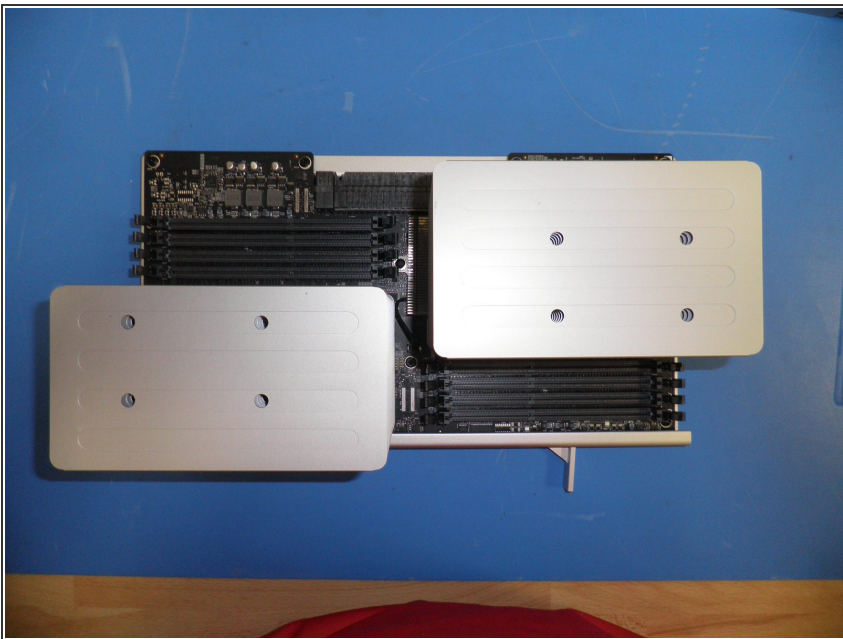
Step 17

- Unit with, PSU, BackPlane Board, Front Panel Board.

Step 18

- Small parts that cover the PSU and Super Drive cables.

Step 19

- Processor heatsinks 8 Core

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Step 20

- Processor Heatsink 4 core

Step 21

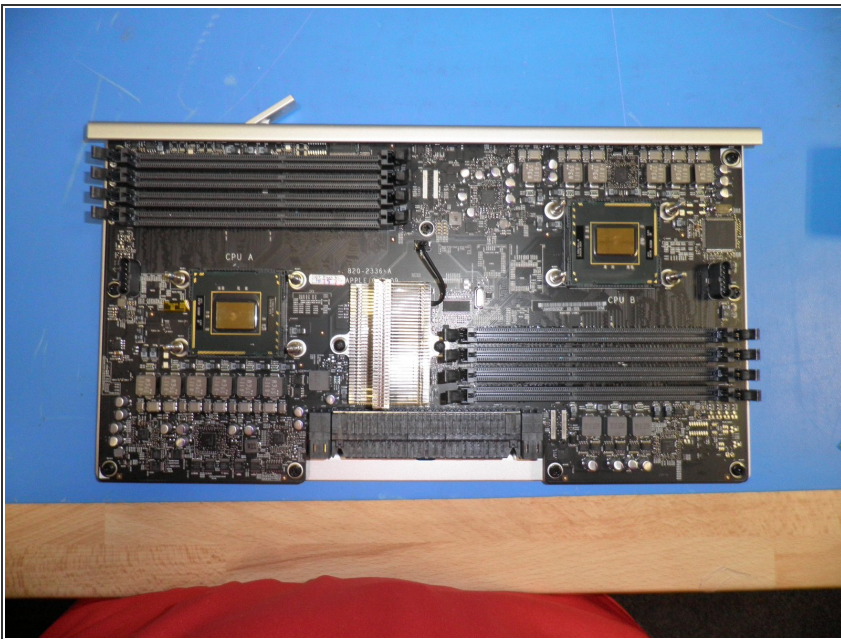- We can really see the difference between the 8 core and 4 core.
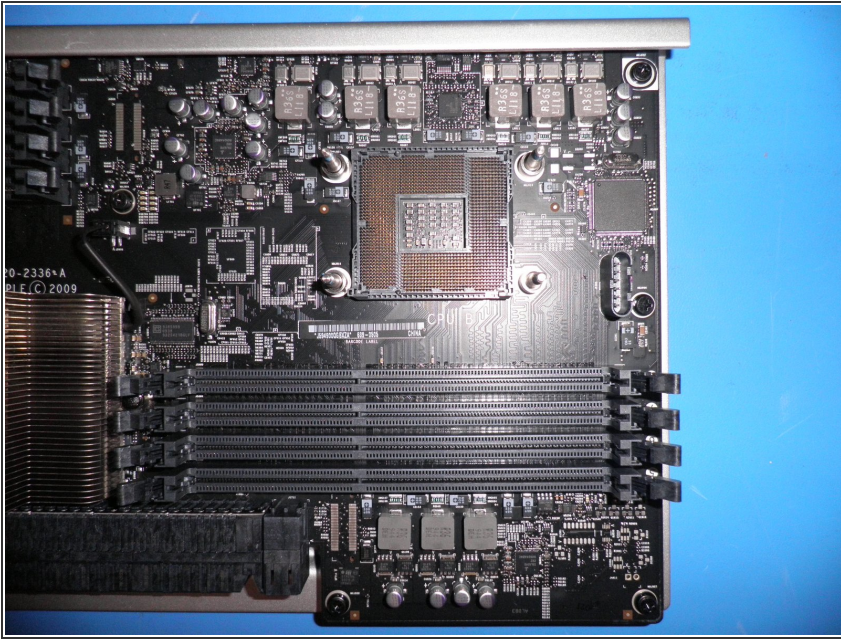
Step 22

- Processor Cage & Left and right Speakers.
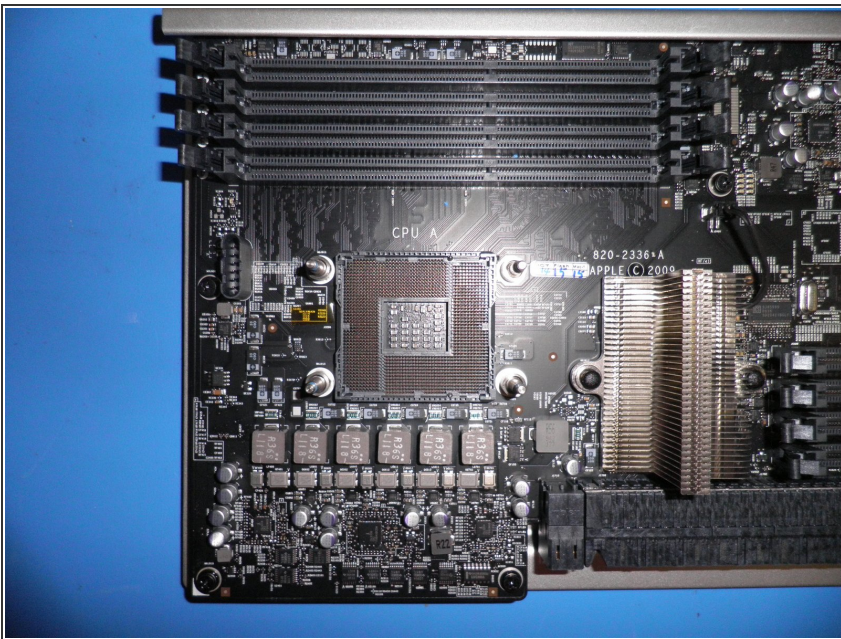
Step 23

- A nice view of processor board 8 core.
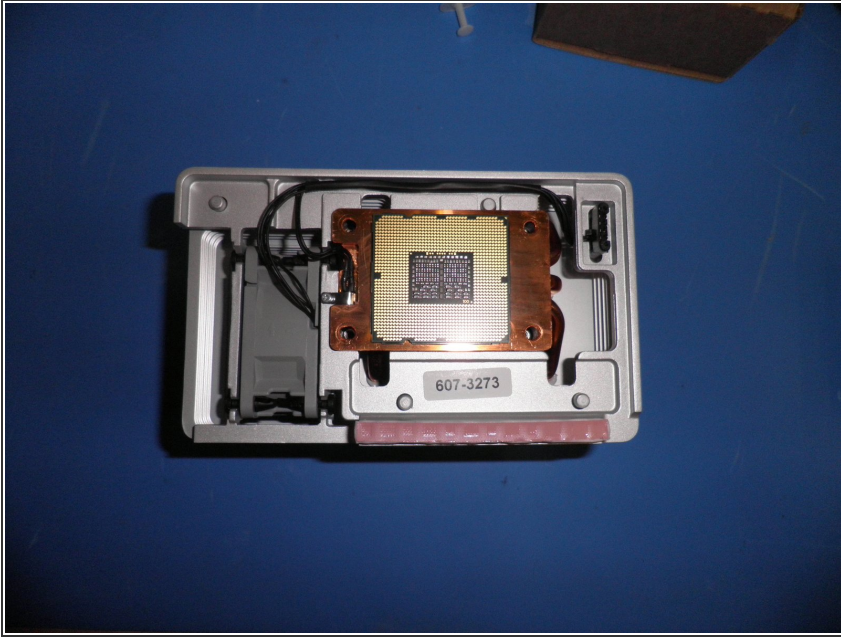
Step 24

- CPU B of the processor Board.

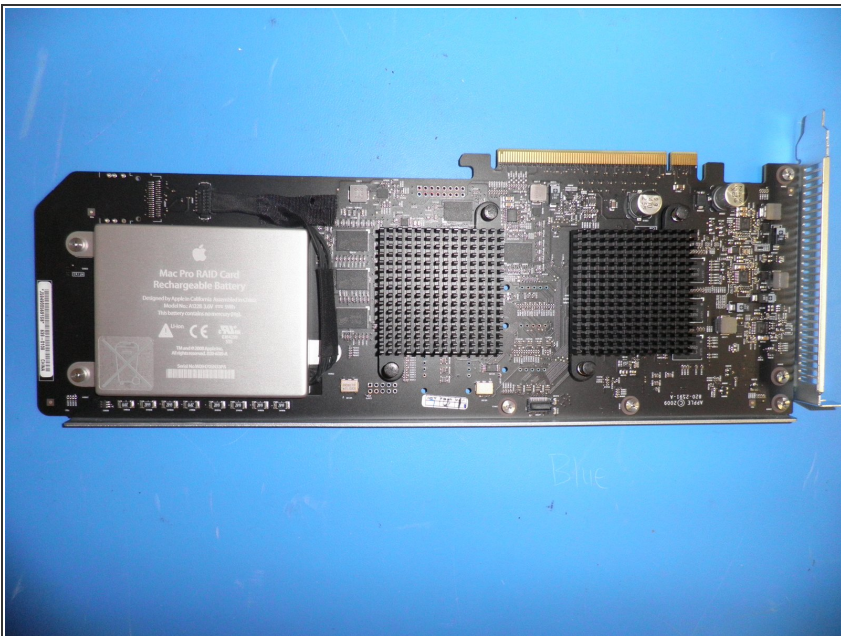## Step 25

- CPU A of Processor Board.

Step 26

- Processor & HeatSink

Step 27

- RAID Card for Mac Pro Early 2009

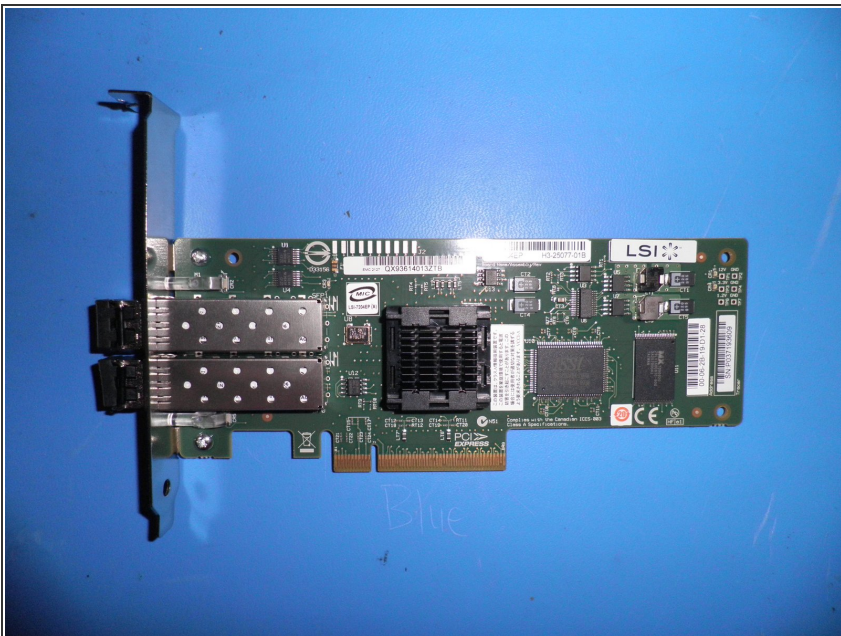This document was generated on 2020-11-22 06:30:35 AM (MST).

Step 28

- Graphic Card

Step 29

- Fibre Channel Card

Step 30

- Finally the machine is rebuilt