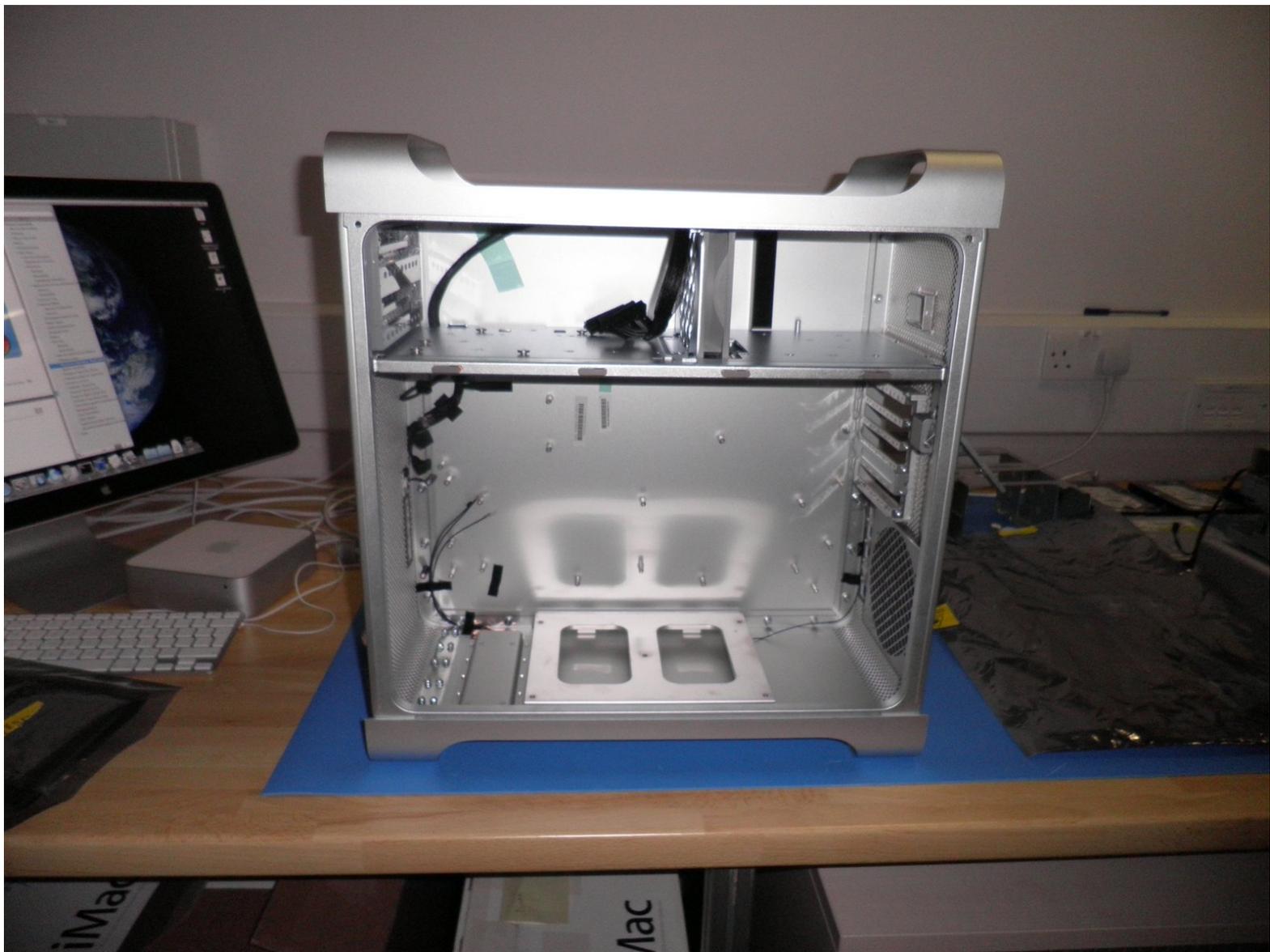




Mac Pro Early 2009 Teardown

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)
-

Step 1 — Mac Pro Early 2009 Teardown



- I took the Mac Pro Apart.

Step 2



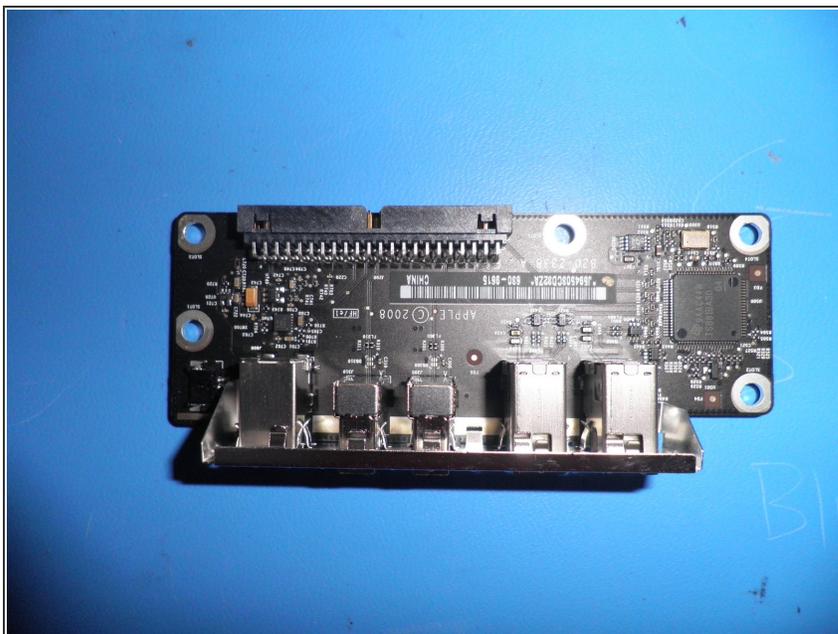
- added the PSU

Step 3



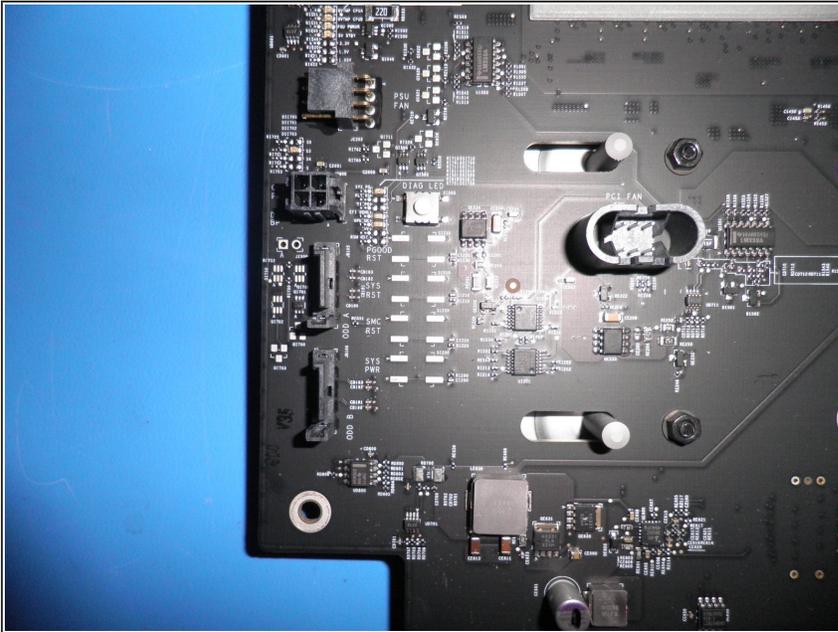
- added the backplane board

Step 4



- Front Panel Board

Step 5



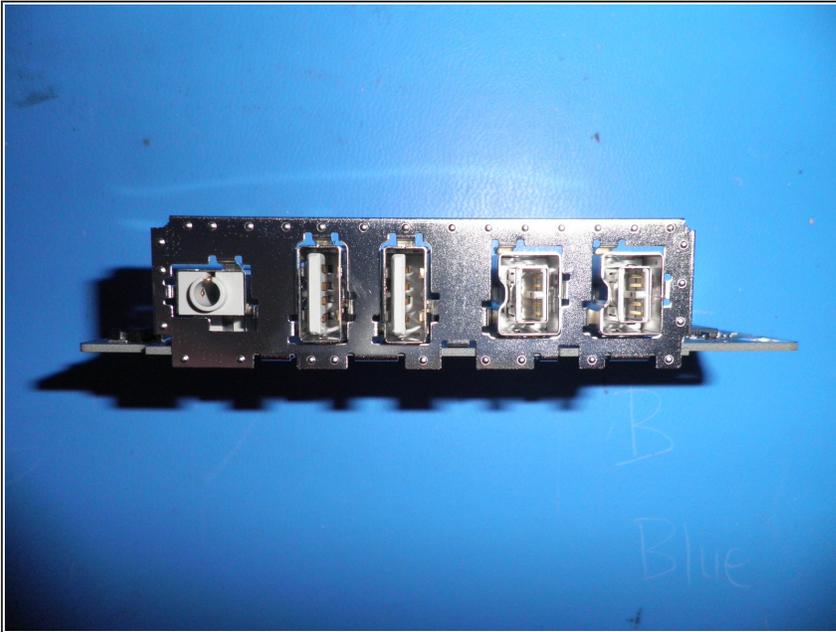
- Here you can see the LEDs of the Mac Pros, and the DIAG_LED bottom

Step 6



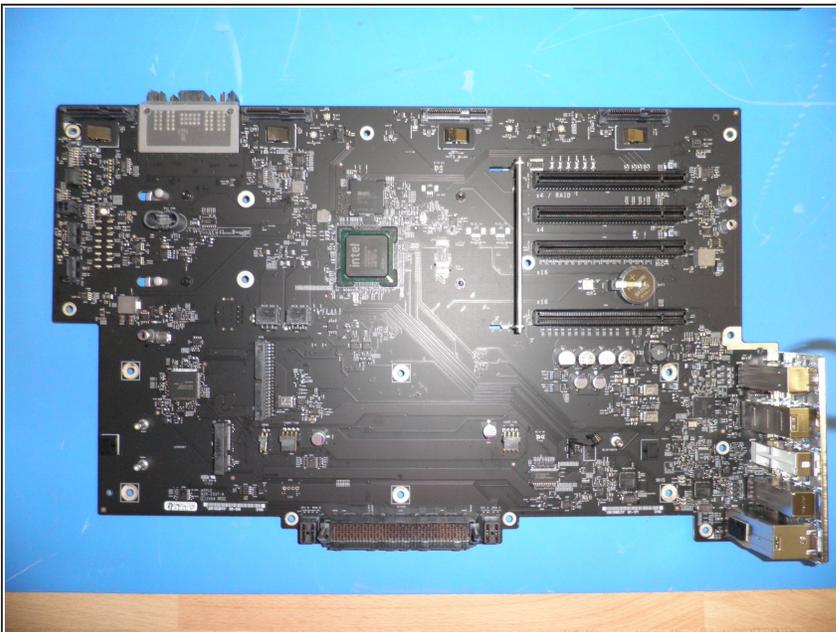
- The front panel board to backplane board cable

Step 7



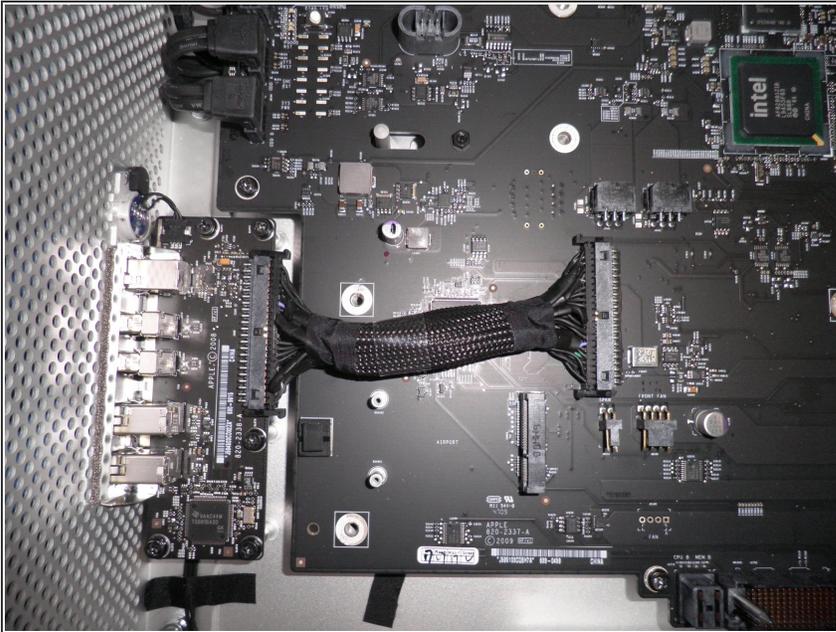
- another view of the front panel board

Step 8



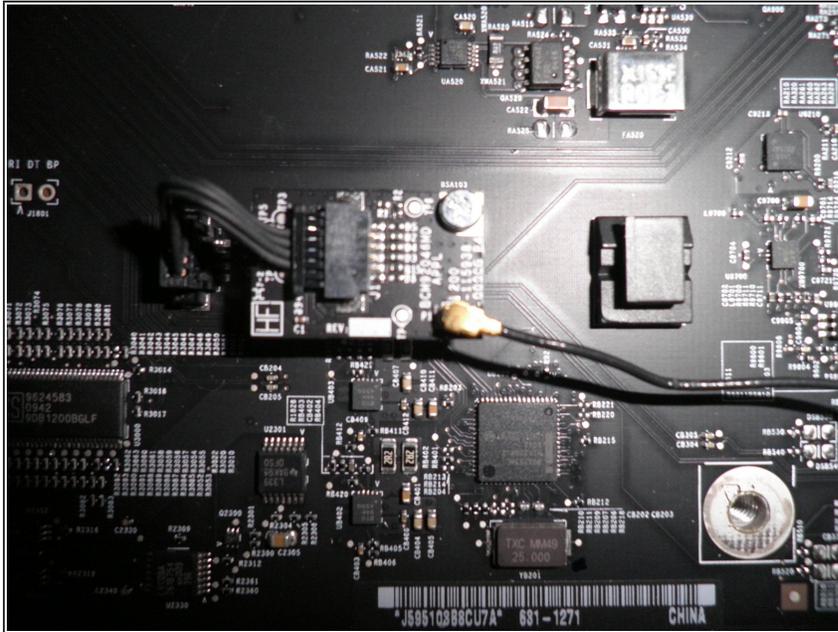
- Another view of the backplane board

Step 9



- BackPlane Board and frontPanel Board linked by FrontPanel Board to BackPlane Board cable

Step 10



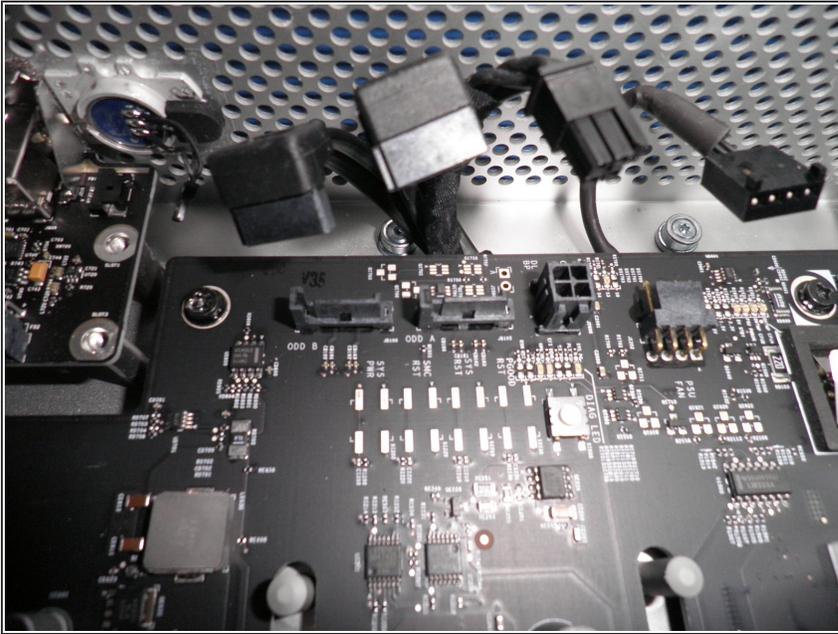
- Bluetooth antenna connected to the card on the Backplane board. One needs to be careful because if not connected the Antenna needs to be attached in order not to short-circuit the backpanel board.

Step 11



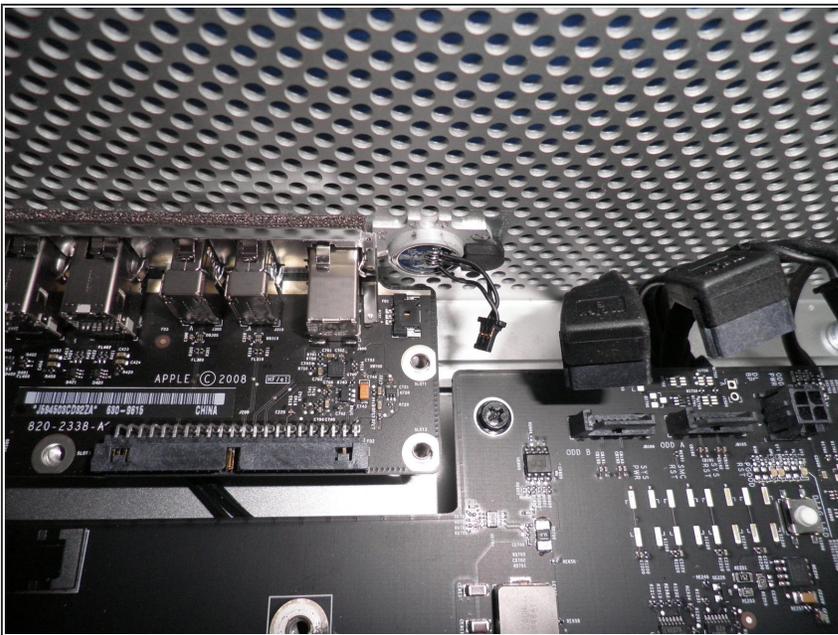
- A view of the PCI Slots on the Mac Pro Early 2009

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.

Step 14



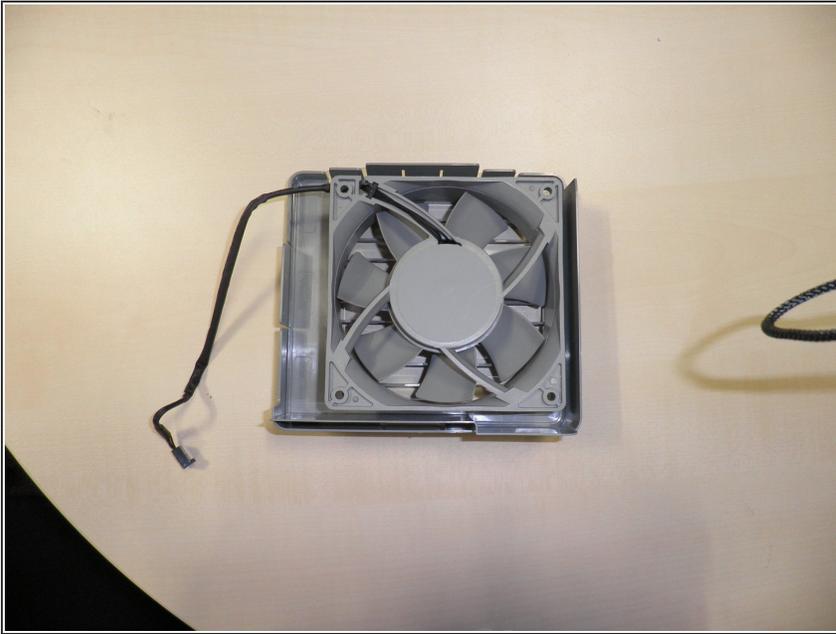
- Processor Cage

Step 15



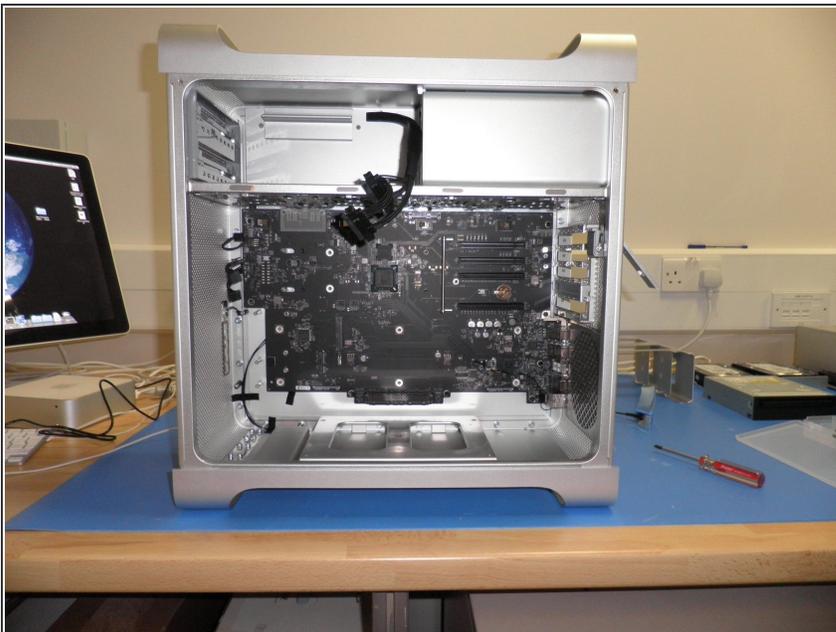
- Left Fan in processor cage with speaker.

Step 16



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

Step 17



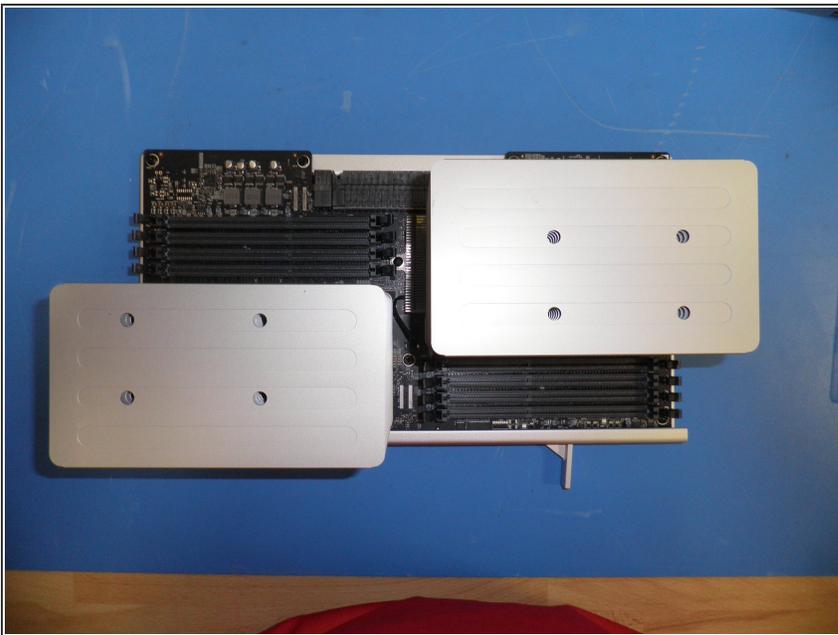
- Unit with, PSU, BackPlane Board, Front Panel Board.

Step 18



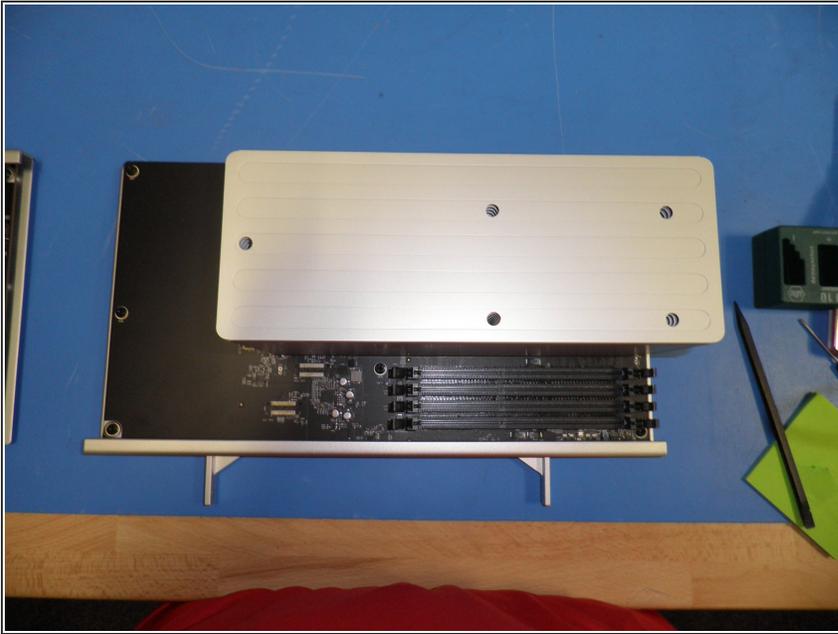
- Small parts that cover the PSU and Super Drive cables.

Step 19



- Processor heatsinks 8 Core

Step 20



- Processor Heatsink 4 core

Step 21



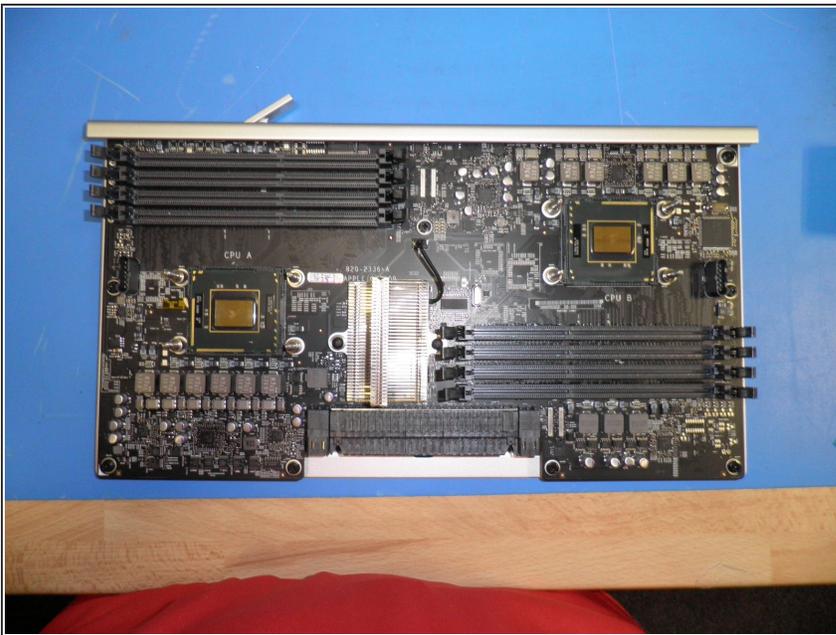
- We can really see the difference between the 8 core and 4 core.

Step 22



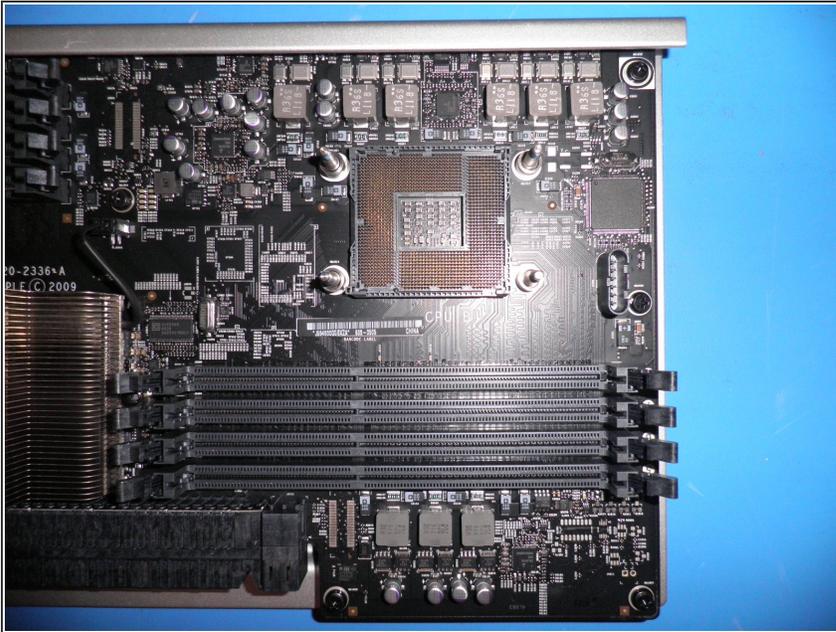
- Processor Cage & Left and right Speakers.

Step 23



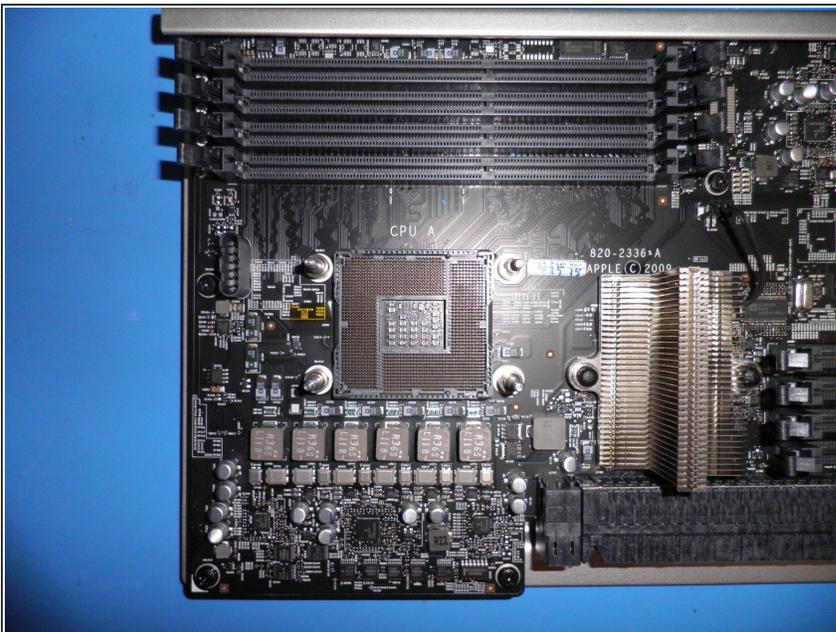
- A nice view of processor board 8 core.

Step 24



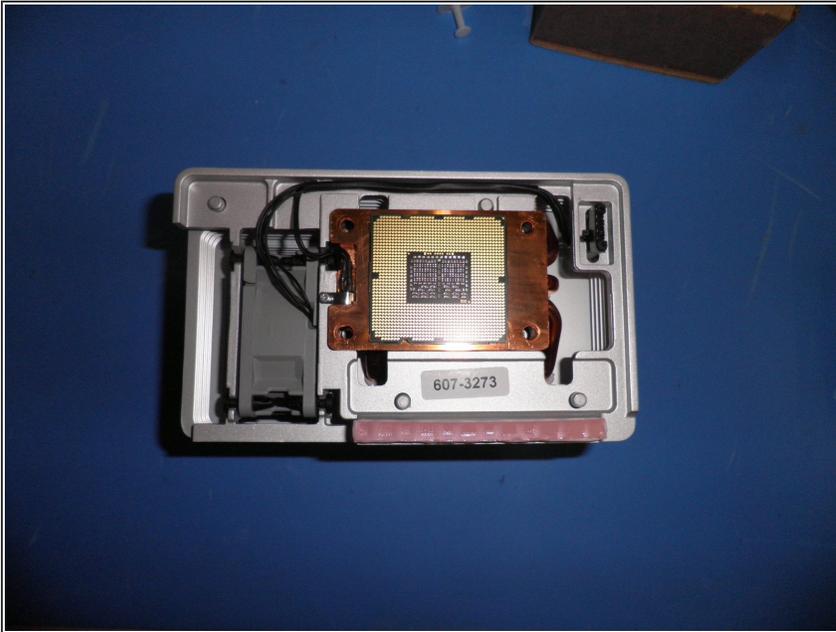
- CPU B of the processor Board.

Step 25



- CPU A of Processor Board.

Step 26



- Processor & HeatSink

Step 27



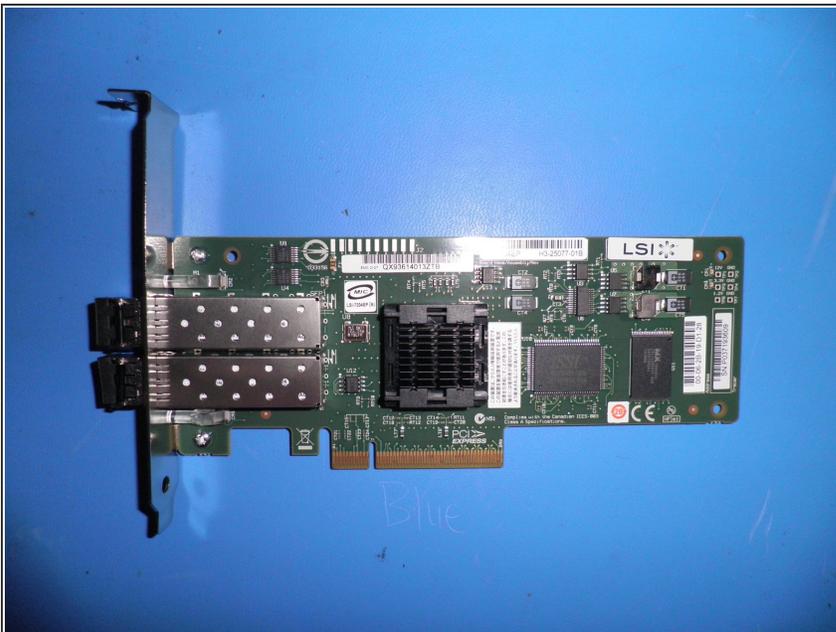
- RAID Card for Mac Pro Early 2009

Step 28



- Graphic Card

Step 29



- Fibre Channel Card

Step 30



- Finally the machine is rebuilt