



2006 Xserve Teardown

A quick step by step guide to full disassemble a 2006 Xserve Apple Server

Written By: mitch



INTRODUCTION

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TOOLS:

- [Phillips #1 Screwdriver](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [Heavy-Duty Spudger](#) (1)

PARTS:

- [CR2032 Lithium Battery](#) (1)
- [Intel Xeon 5100 series](#) (2)

CPU

this is the stock CPU for 2006 Xserve

- [Intel Xeon 5365/5355 series 771 socket](#) (2)

CPU Upgrade

2.66/3.00GHz 8MB 1333 MHz 4-core processor upgrade

Step 1 — Unplug



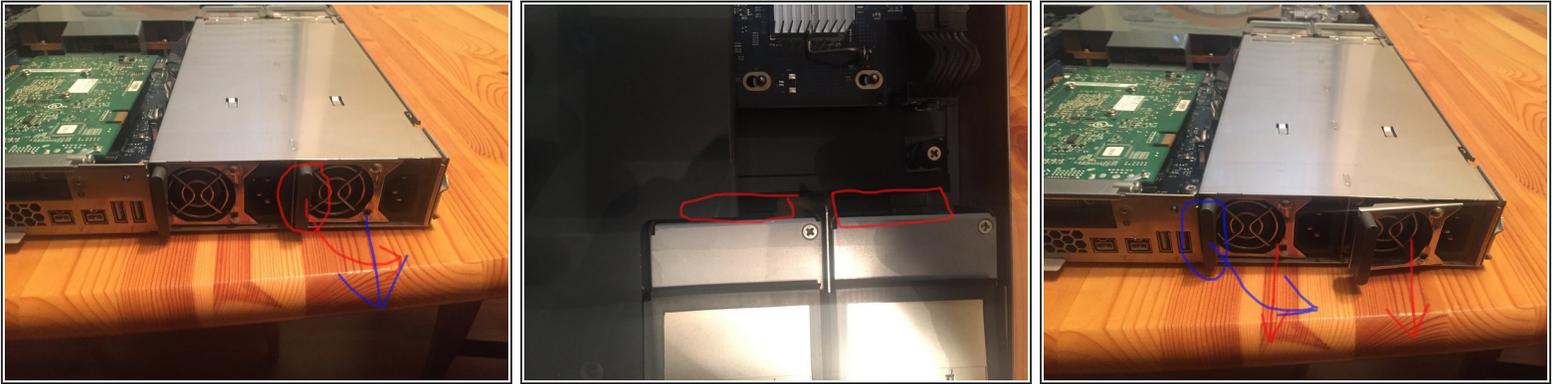
- Unplug power and connections and hold power for 15s to make sure the residual power is gone
- Careful with the fibre lines if you have a raid attached
- Graphic card if installed

Step 2 — Remove Cover



- Unscrew the two thumb screws at the back.
- Pull back on the top, then remove the top cover.

Step 3 — Remove Power Modules



- pull out and to the right with the black locking lever
- Pull out module

Step 4 — Remove HardDrives



- Push on the caddy handles to release the handle's then pull each one out.

Step 5 — Remove Airduct



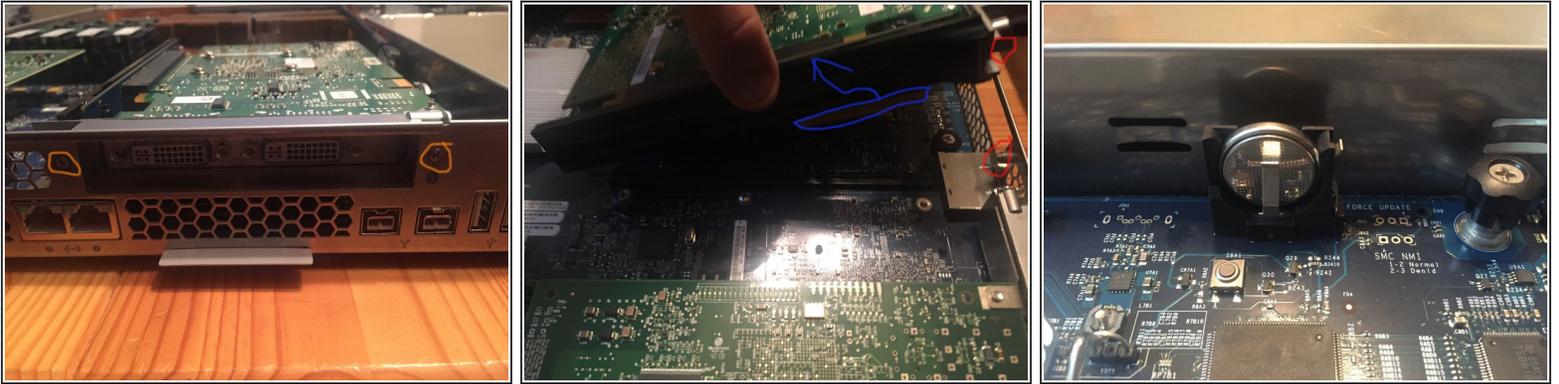
- use a #1 phillips on the 5 screws holding the Airduct in place.
- slide up and out easily.
- carefull with the backplane-to-logic board I/O cable

Step 6 — Fan Array



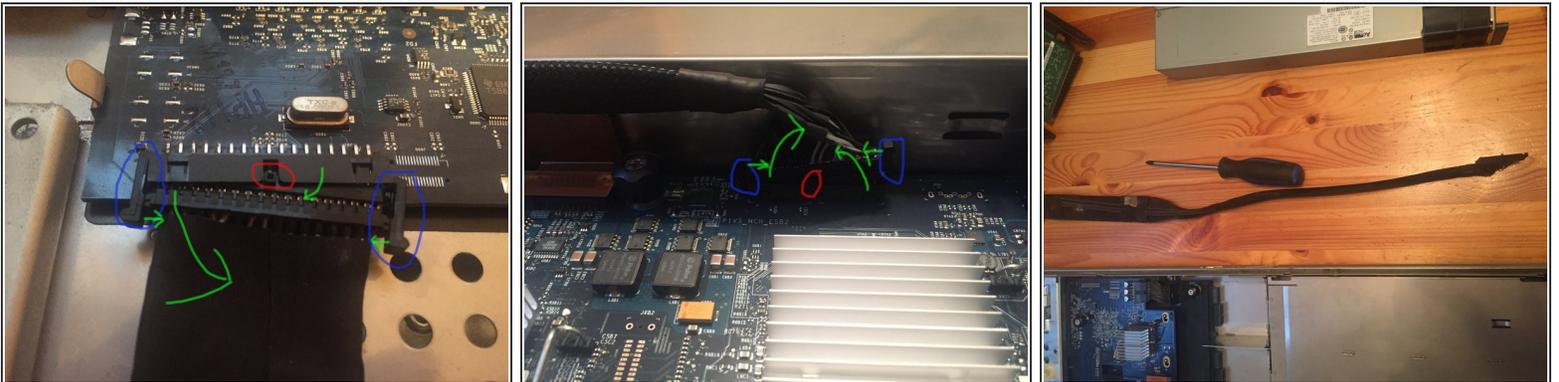
- ⚠ please note these are captive thumb screws and will not come all the way out
- To remove the fan array you need to loosen two phillips on the right and left of the array as noted in the pic's.
- Carefull around the fan plug requires you to pull straight up after screws are lose

Step 7 — Remove PCI Cards



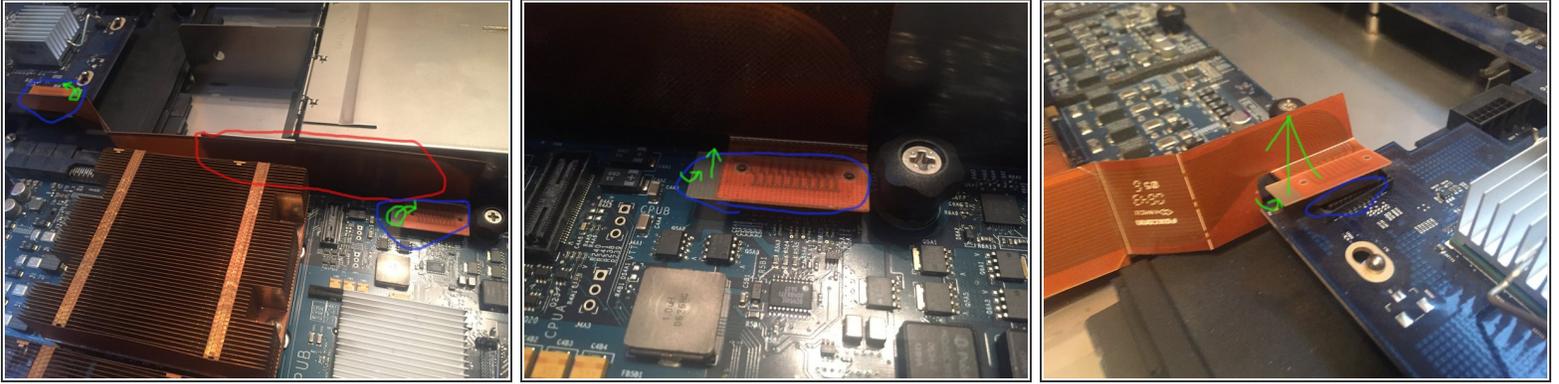
- Loosen the two captive screws that secure the riser bracket to the back panel.
- pull up a little to clear the captive screws then lean back should come out easy
- ⚠ the Screws in the case act like alinement pins careful when pulling up
- Also a good time to check the ROM battery! Replace battery only with type CR2032.

Step 8 — Front Panel Board Cable



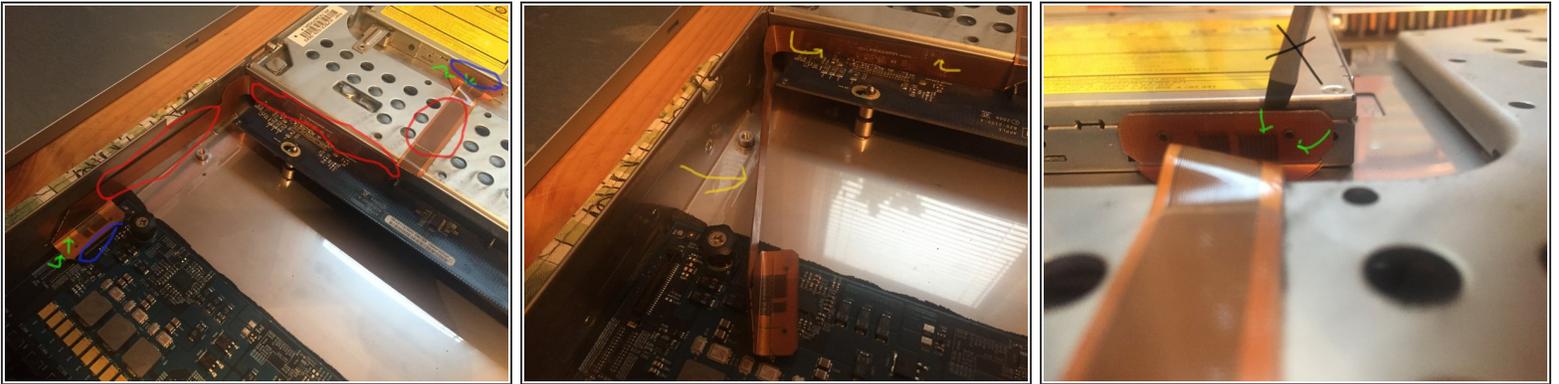
- This is a delicate cable push the 2 sides together to release
- ⚠ This cable is molded to go back in only one way do not try any other orientation
- Pop one side out then rock the connector while pressing on the other tab for easier removal
- The connector is keyed for one way only

Step 9 — Backplane-to-Logic Board I/O Cable



- they are only press in connectors use a Spudger to pry one side, should come free after a little force
- ⚠ Carefull with the connectors as they can be damaged!
- Note! there is adhesive on the side of the cable along the power module's side

Step 10 — CD Drive Cable



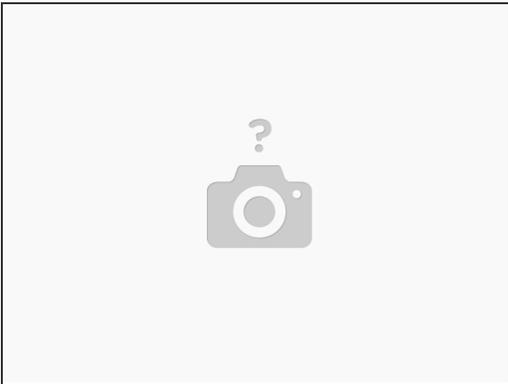
- lift one side of the connector gently it should pop out
- !Note! more adhesive out lined in red!
- Don't Use a screw driver like i did use a plastic Heavy-Duty Spudger

Step 11 — Removing CD Drive



- Unlock the CD locking lever by sliding the arm to the left.
- Push back away from bezel then lift up and out the drive.

Step 12 — Remove the CD Drive Carriage



- Unscrew 4 #0 Phillips screws and remove carriage

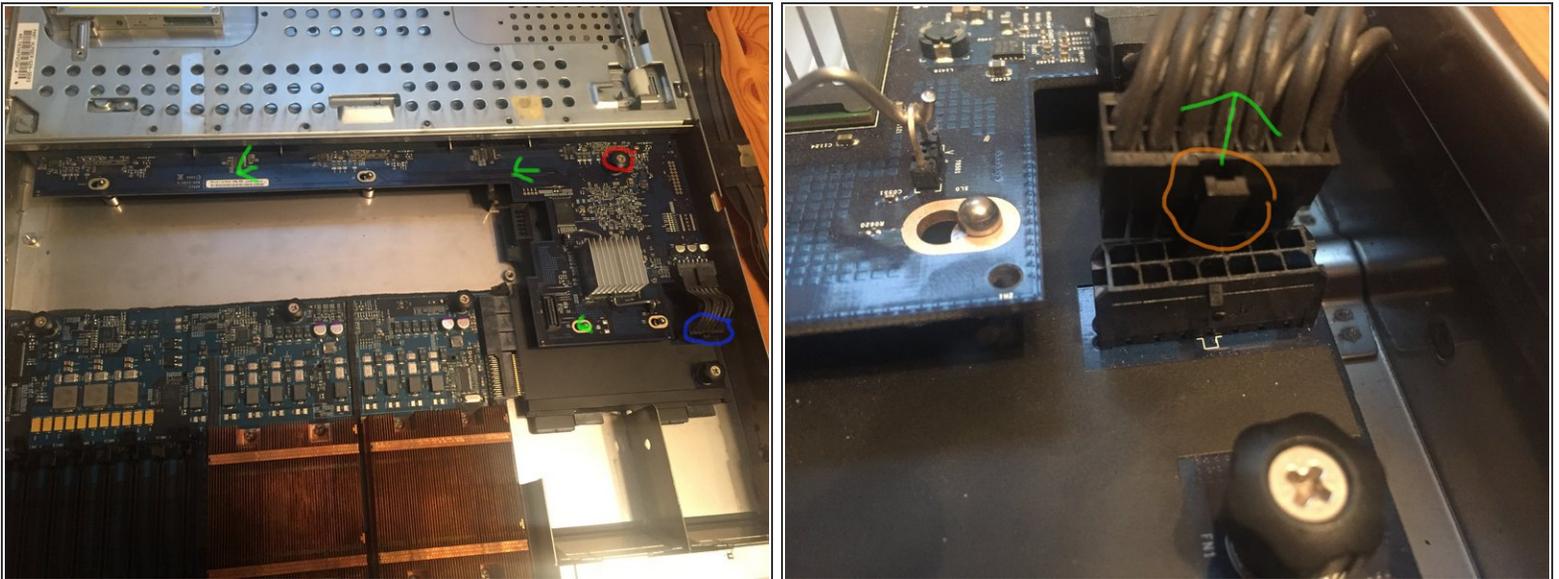
Step 13 — Ram Removal



- To remove open the tabs on either side of the Ram slot to remove~ repeat for all ram.

i !note! Max Ram on a 2006 =32GB

Step 14 — Raid card/ Drive Array



- Unscrew the one thumb screw on the main part of the board