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Synology DS218play - a complete disassembly in rules

Teardown of a Synology DS218play NAS

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INTRODUCTION

Here's a step-by-step tutorial to dismount each piece of the NAS until you reach the motherboard.

These NAS models do not benefit from the modularity of the superior models. So forget about adding any RAM or removing the drives in seconds.

'Note: the interest of this tutorial is however limited.'

Internal drives and fan apart, none of the internal component can be upgraded or added.

The dismantling time is estimated at 45 minutes (a single experiment on the timer). That said, it is certainly achievable in 10/15 minutes.

The photographs were taken with a CANON EOS 7D and using a portable LED studio.

TOOLS:

- New Item (1)

Step 1 — Presentation: the different faces of the case

- Here are the different interesting faces of the case: front (led indicator, power button), rear (connectors, fans, power).

- On the back you'll see the power connector, two USB ports, an RJ45 port and the Kensington slot (K-lock).

Step 2 — Removing the case cover

- Remove the 2 screws on the back of the case at the top and bottom

- Slide the cover forward, then slide it out (here, to the left).

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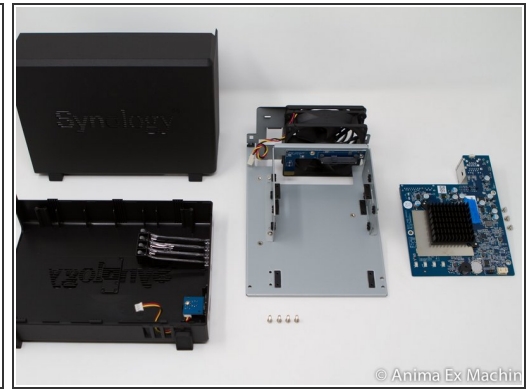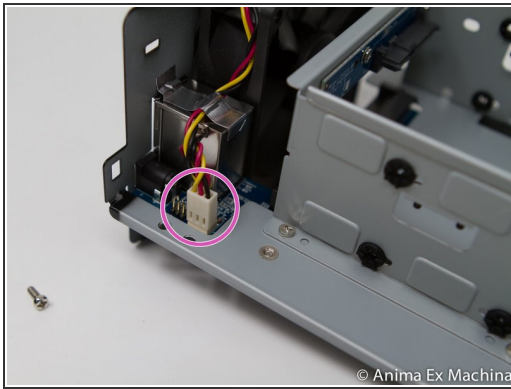
Step 3 — Removes disks from the bay

- Remove the 4 screws located on the side of each drive.

- then just pull the drives out from the bay

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Step 4 — The two parts of the case

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Step 5 — Removing the motherboard

- disconnect the fan cable

- remove the 3 screws holding the motherboard in place.

Step 6 — Motherboard : processor side

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Step 7 — Motherboard : connector side

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