



MacBook Pro 17" Models A1151 A1212 A1229 and A1261 AirPort Extreme Replacement

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INTRODUCTION

Use this guide to replace a broken AirPort Extreme card.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [T6 Torx Screwdriver](#) (1)

PARTS:

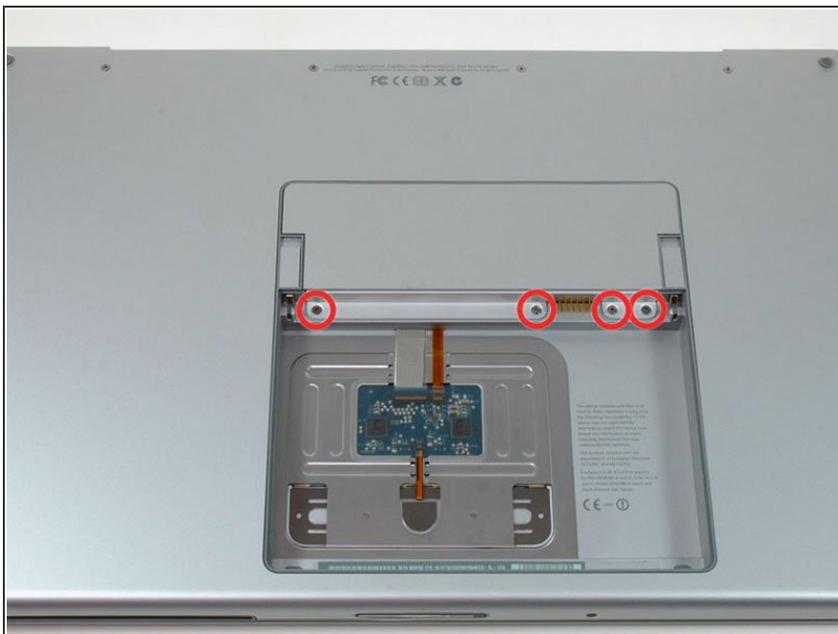
- [MacBook 802.11g Airport Extreme Card](#) (1)
- [MacBook 802.11n Airport Extreme Card](#) (1)
- [MacBook Core 2 Duo 802.11n Airport Extreme Card](#) (1)
- [MacBook Core 2 Duo Santa Rosa/Penryn 802.11n Airport Extreme Card](#) (1)

Step 1 — Battery



- Use your fingers to push both battery release tabs away from the battery and lift the battery out of the computer.

Step 2 — RAM Shield



- Remove the four identical Phillips 3.4 mm screws from the memory door. These screws have 4 mm

diameter heads rather than the 3 mm heads on the body screws.

Step 3



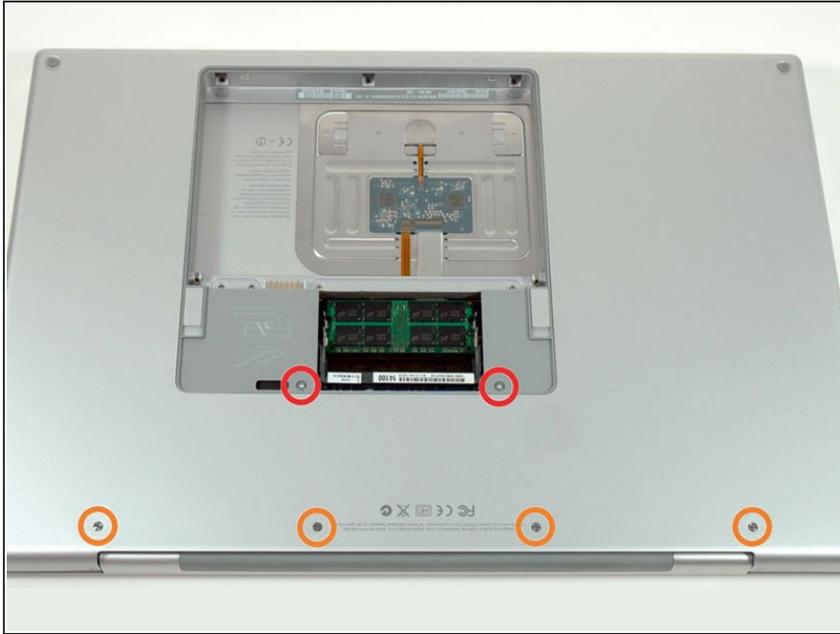
- Lift the memory door up enough to get a grip on it, and slide it toward you, pulling it away from the casing.

Step 4 — Upper Case



- Remove the three Phillips screws in the battery compartment near the latch. Apple was nice enough to tilt these screws at a slight angle to make them easier to remove. On the A1261 these screws have 4 mm diameter heads rather than the 3 mm heads on the body screws.

Step 5



- Remove the following six screws:
 - Two 14.5 mm T6 Torx screws on either side of the RAM slot.
 - Four 3.4 mm Phillips screws along the hinge.

Step 6



- Remove the four 3.4 mm Phillips screws on the port side of the computer.

Step 7



- Rotate the computer 90 degrees and remove the two Phillips screws from the rear of the computer.

Step 8



- Rotate the computer 90 degrees again and remove the four Phillips screws from the side of the computer.

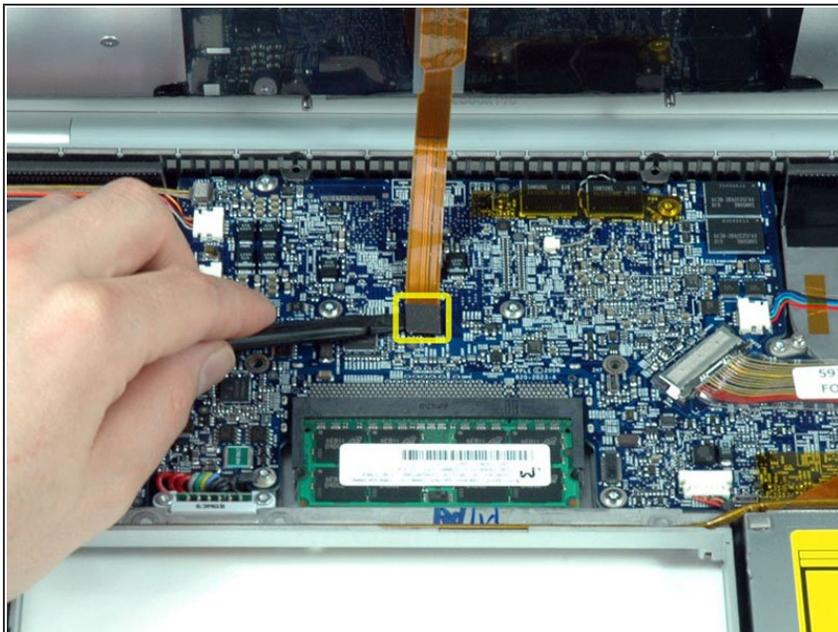
Step 9



⚠ Do not yank the upper case off quickly. The case is attached to the logic board via a ribbon cable.

- Lift up the back of the case and work your fingers along the sides, freeing the case as you go. Once you have freed the sides, you may need to rock the case up and down to free the front of the upper case.

Step 10



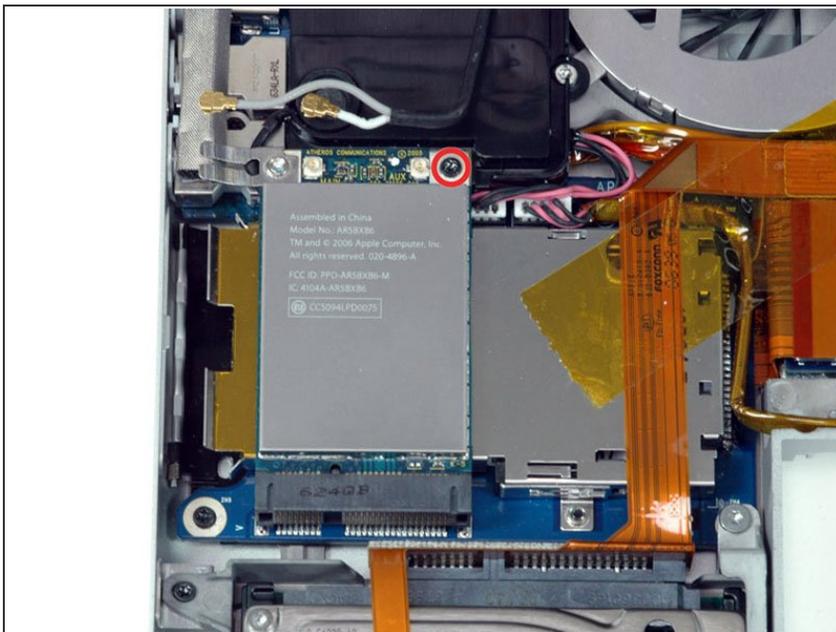
- Disconnect the trackpad and keyboard ribbon cable from the logic board.
- Remove the upper case.

Step 11 — AirPort Extreme



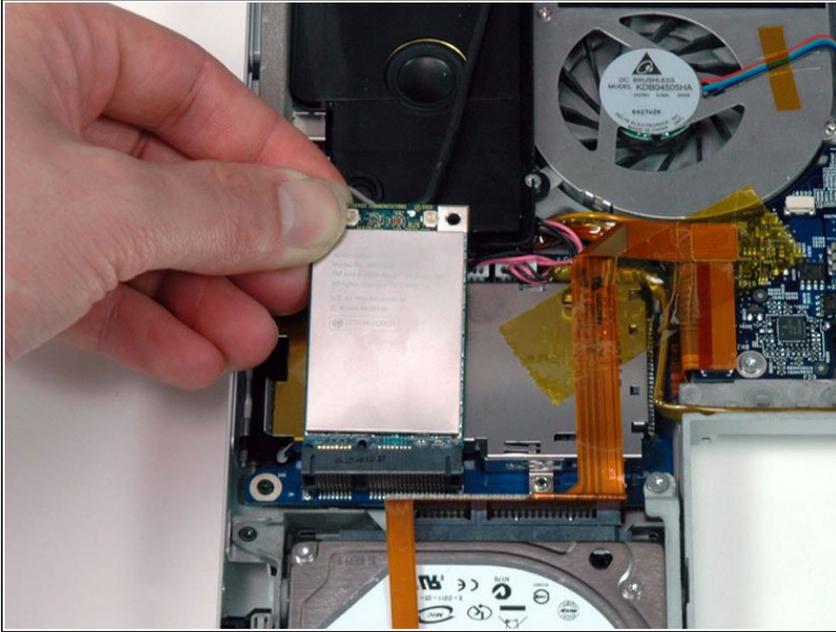
- Disconnect the two antenna cables attached to the AirPort Extreme card.
- ☞ The cable with the gray shielding attaches to the left side connector, while the cable with the white shielding attaches to the right side.
- ⓘ If you have a MacBook Pro 17" Model A1229 or A1212, there are three antenna cables attached to the AirPort Extreme card instead of two.
- ⓘ If you have a MacBook Pro 17" Model A1261 the cable with the black shielding attaches to the left side of the connector, while the cable with blue shielding attaches to the right side.

Step 12



- Remove the single black T6 Torx screw from the top right corner of the AirPort Extreme card.

Step 13



- Lift the AirPort Extreme card up and slide it out of its connector.
- ⓘ Note the position of the grounding clip attached to the left side of the card. On some models, the clip is mounted on the upper surface of the airport Extreme card to make contact with the upper case. On other models, the clip is mounted on the underside and makes contact with the headphone connector body.

Step 14 — AirPort Extreme



- Turn the Airport Extreme card over and remove the single silver Phillips screw from the top right corner of the Airport card.
- ★ Don't forget to transfer the grounding clip to the new Airport Extreme Card.

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