



# Dell Inspiron 17R-N7110 Hard Drive Replacement

This guide will walk you through removing and...

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# INTRODUCTION

This guide will walk you through removing and replacing your Dell Inspiron 17R-N7110 hard drive. You will be handling and working with delicate electronic components, so be sure to wear the anti-static wrist strap for this replacement.

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## TOOLS:

Jimmy (1)  
Phillips #0 Screwdriver (1)


## PARTS:

Crucial MX500 1 TB SSD (1)  
Crucial MX500 250 GB SSD (1)  
Crucial MX500 500 GB SSD (1)  
2 TB SSD (1)

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## Step 1 — Battery



 Do not touch any electronic components without wearing the [anti-static wrist strap](#). Failure to do so poses a risk of static electric shock, and may cause damage to components.

- Place the laptop on a flat surface with the Dell logo upside down.
- Flip the laptop over. The battery will be in the center.

## Step 2



- Slide both the left lock and right lock, towards the center of the battery.
- Push upwards on the grip on the bottom of the battery to remove it.

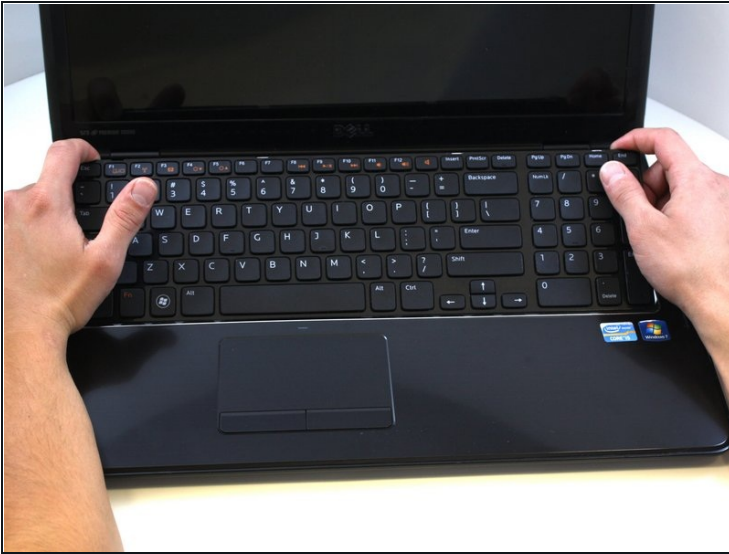
## Step 3 — Keyboard



- ⚠ Do not pull the keyboard away from the laptop. The keyboard is connected to the motherboard by a cable. Pulling the keyboard may cause damage to the keyboard and/or motherboard.
- ⚠ Metal spudgers and similar prying tools can damage internal components like the motherboard. It is ideal to use a regular black nylon spudger or a plastic opening tool, but for this device the metal jimmy was the only tool to work.
- Flip over and open your device. Gently wedge the metal Jimmy into the rightmost hole at a 45-degree angle. Make sure that the Jimmy is between the silver metal portion of the keyboard and the silver plastic edge around the keyboard.
  - Tilt the metal jimmy away from you to pry up the edge of the keyboard.
  - Repeat the previous actions on each of the other three holes to release the keyboard.

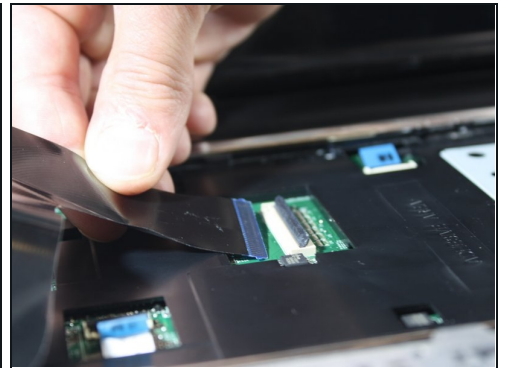
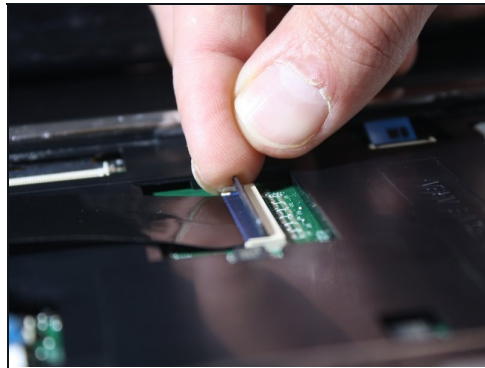
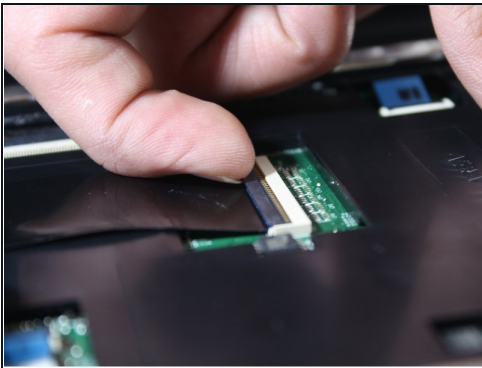


## Step 4



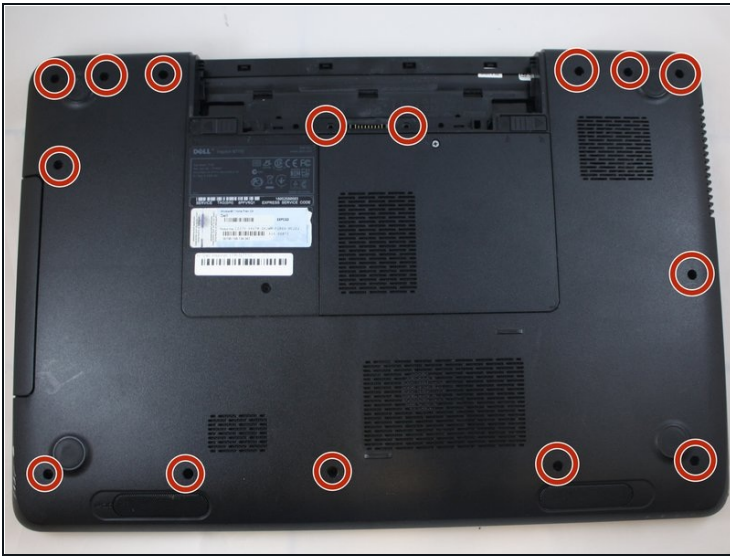
- Gently flip the keyboard over and lay it on the touchpad area.

## Step 5



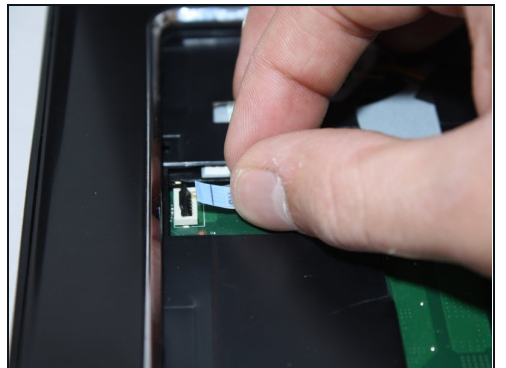
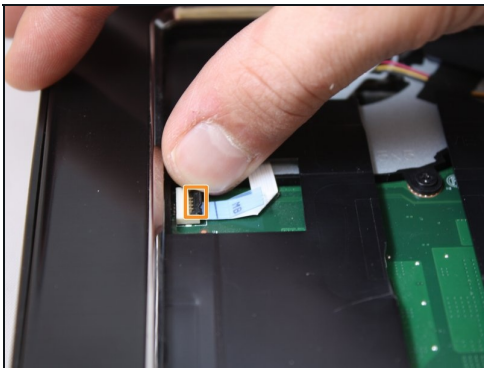
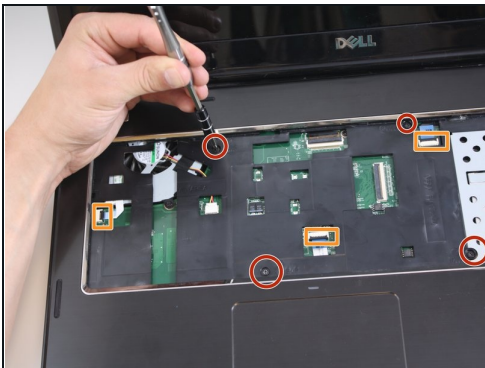
- Flip up the black flap where the keyboard cable connects to the motherboard
- Gently pull the cable away from the slot to release the keyboard.
- Remove the keyboard from the device.

## Step 6 — Hard Drive



- Flip the laptop over so it is bottom-up.
- Use a Phillips #0 screwdriver to unscrew the fifteen 5mm screws pictured.

## Step 7



- Flip the laptop over.
- Use a Phillips #0 screwdriver to unscrew the four 5mm screws from the palmrest.
- Flip up the black flaps over the three cables pictured and gently pull them out.

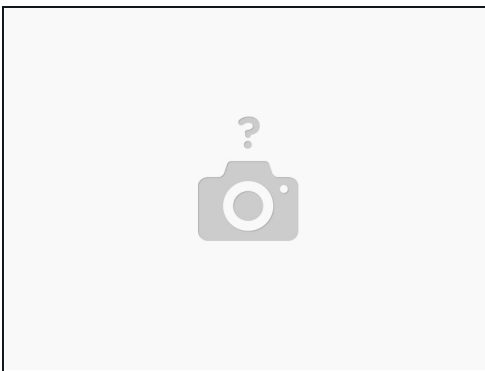
## Step 8



**⚠ Do not proceed without holding the laptop screen/lid for support. The screen is very heavy and may cause the device to fall if not held and supported.**

- Use a plastic opening tool to pry up the edges of the palmrest cover.
- Pull off the palmrest cover. You will hear some popping sounds.

## Step 9



- Optical drive **MUST** be removed beforehand: remove the screw on bottom of laptop on the small panels that has the service tag number. Then use a paperclip to eject the drive and pull it out. This reveals the two small silver screws that attach the top cover. Remove those screws prior to prying off the cover.



## Step 10



- Use a Phillips #0 screwdriver to unscrew the two 5mm screws holding the hard drive.
- Slowly lift up on the left side of the hard drive and pull to the left.

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