Dell Latitude 3450 RAM Replacement
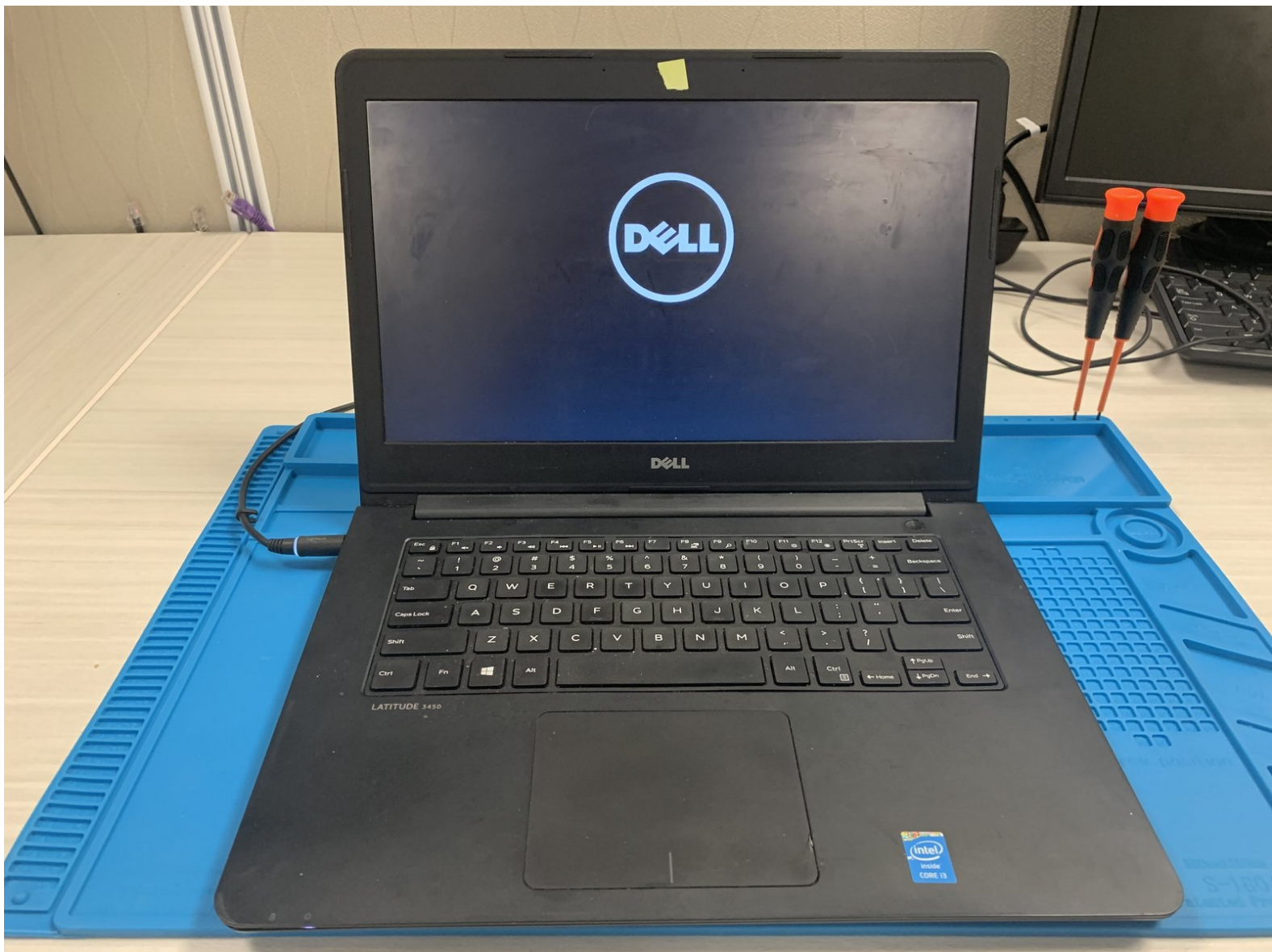
This guide will walk you through replacing or upgrading the ram in your Dell Latitude 3450.

Written By: Matt

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🔧 TOOLS:

- Phillips #0 Screwdriver (1)
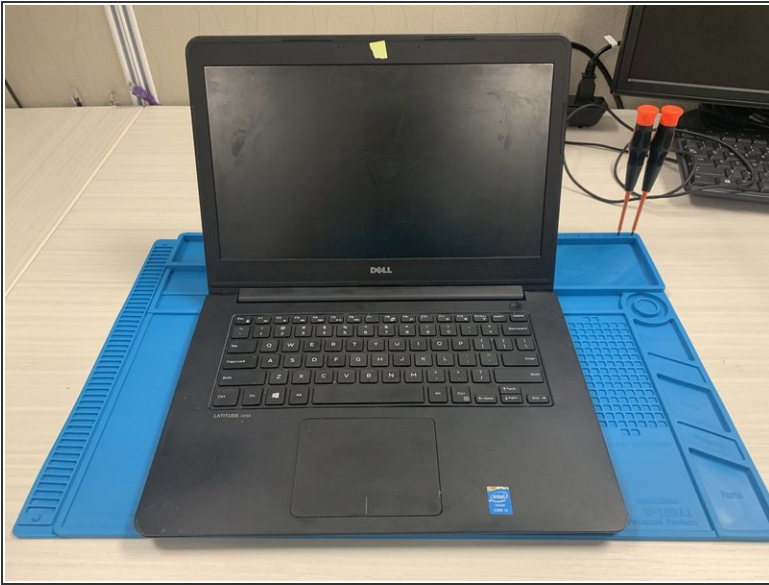- Spudger (1)

⚙ PARTS:

- RAM (2)
  DDR3
  This laptop supports up to 8GB per RAM slot, with 2 RAM slots
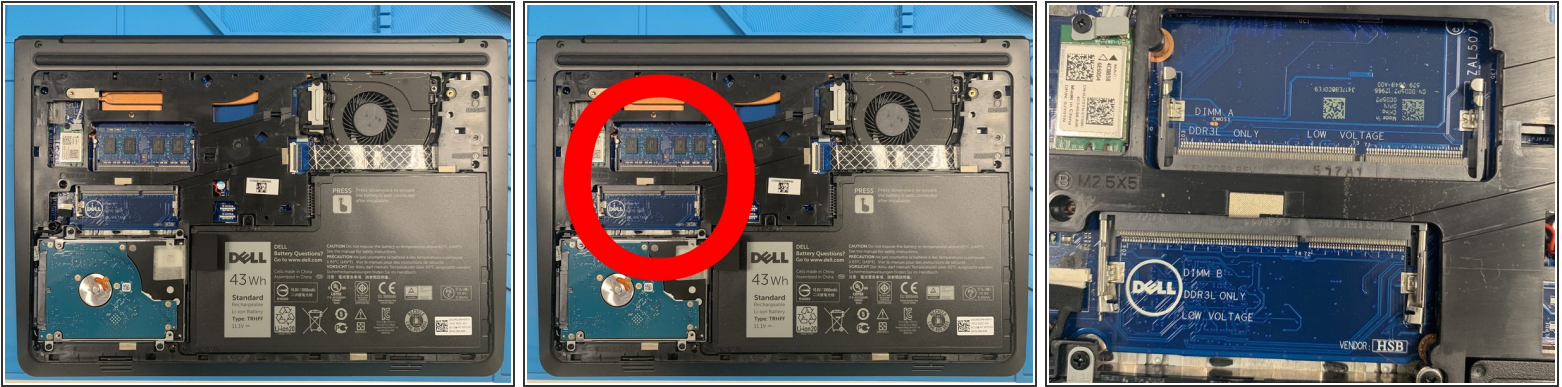
Step 1 — Getting Started

- Ensure the laptop is powered off .

- Flip the laptop over.

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Step 2 — Removing the Rear Cover

- Loosen the two Phillips head screws.
  - These screws should back out, but should not actually be removable.

- Locate the indent on the rear cover half way between the two Phillips head screws.

- Insert your spudger to help pry up the rear cover.
  - It may be necessary to run the spudger along the side with the indent to help release the clips

- Lift off the rear cover.
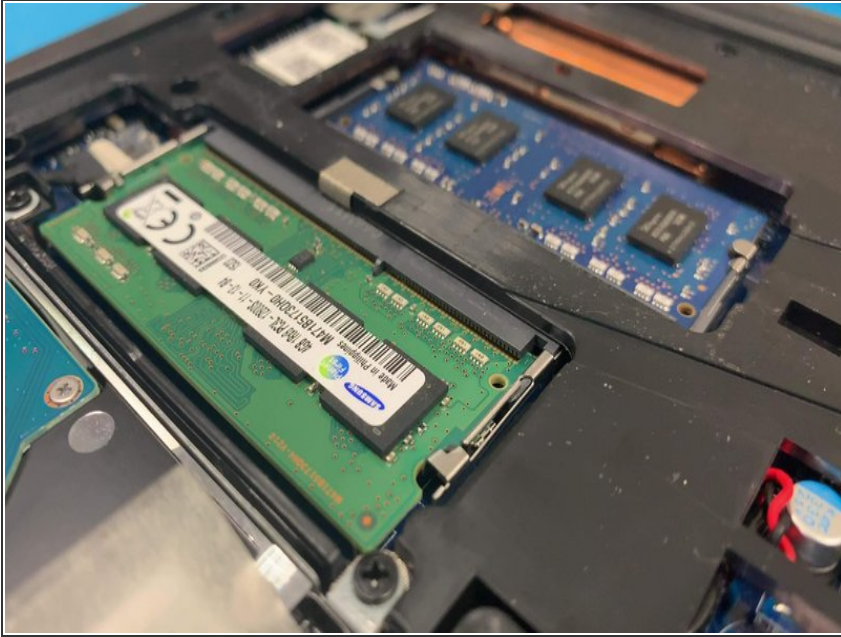
Step 3 — Installing the RAM

- The RAM slots are in line with the hard drive, and on the right side if the cover was opened away from you.

- Please note that there are A and B RAM Slots. There must be a RAM chip in the A Slot, or the laptop will not load normally.

- The Slots are labeled on the board, under where the chips would normally be seated.

Step 4 — Installing the RAM

- Ensure that the space in the RAM chip lines up with alignment pin on the slot.

- Insert the RAM chip at approximately at 45° angle.

- Once the chip bottoms out on the slot, push down on the opposite side from the pins until the RAM chip seats on the board.

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Step 5 — OPTIONAL: Removal of RAM

- Depending on your machines current configuration, you may need to remove a RAM chip before you can insert your new ones.

- Using your finger nail or a spudger, push the lock clips off the RAM chip.
  - Normally the clips can be done one at a time, but may require you to release both at once.

- Once released, the chip should spring up and can be removed.

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