



HP Compaq dx2000MT RAM Replacement

RAM, or random access memory, is short-term...

Written By: Logan Pace



INTRODUCTION

RAM, or random access memory, is short-term storage for your Compaq dx2000MT. RAM is used by your processor for immediate use as-needed, unlike long-term files written to a hard disk drive. If your computer has slowed considerably or you're looking for a boost, replacing/upgrading the RAM is a fairly simple and inexpensive first step. The Compaq dx2000MT laptop comes standard with 4GB of RAM and can be upgraded to a maximum of 8GB with its two (DDRSD) slots.



TOOLS:

- [Anti-Static Wrist Strap](#) (1)
- [6-in-1 Screwdriver](#) (1)
- [Phillips #2 Screwdriver](#) (1)
- [T15 Torx Screwdriver](#) (1)



PARTS:

- [PC3200 1 GB RAM Chip \(Desktop\)](#) (1)
- [PC3200 512 MB RAM Chip \(Desktop\)](#) (1)

Step 1 — Removing the HP Compaq dx2000MT Case Doors



- Turn off your computer and remove the power cable by pulling it straight out of its socket.

Step 2



- Remove the two Phillips #2 screws that secure the case door to the device.

Step 3



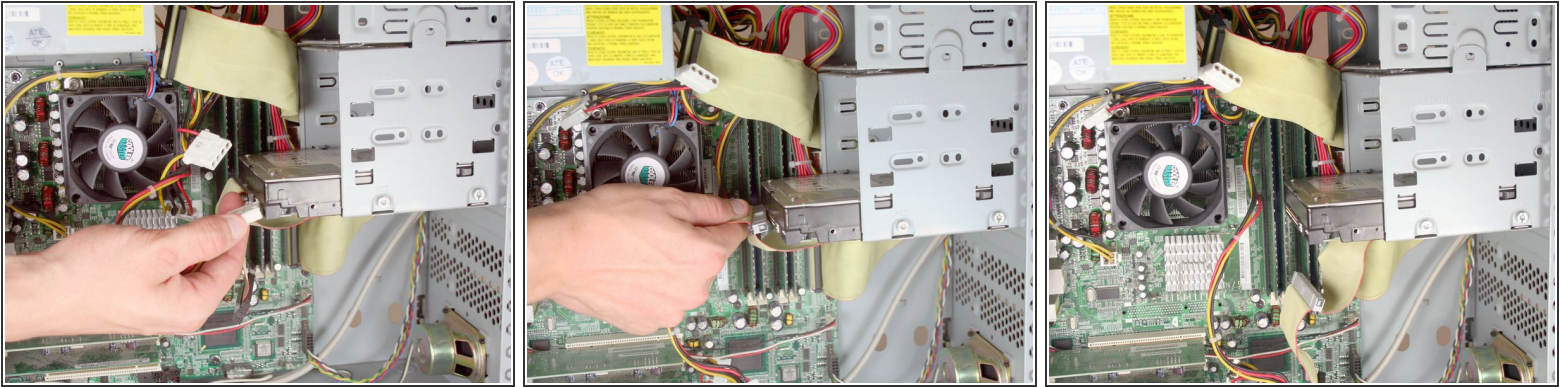
- Remove the side case door by pushing towards the rear of the device with your hand.
 - ❗ This may take considerable force so keep pushing!
- Once you slide the door back, remove it by pulling it outwards from the device.

Step 4



- Remove the side case door by pushing towards the rear of the device with your hand.
 - ❗ Once again, this may take considerable force.
- Once you slide the door back, remove it by pulling it outwards from the device.

Step 5 — Disassembling HP Compaq dx2000MT Hard Drive



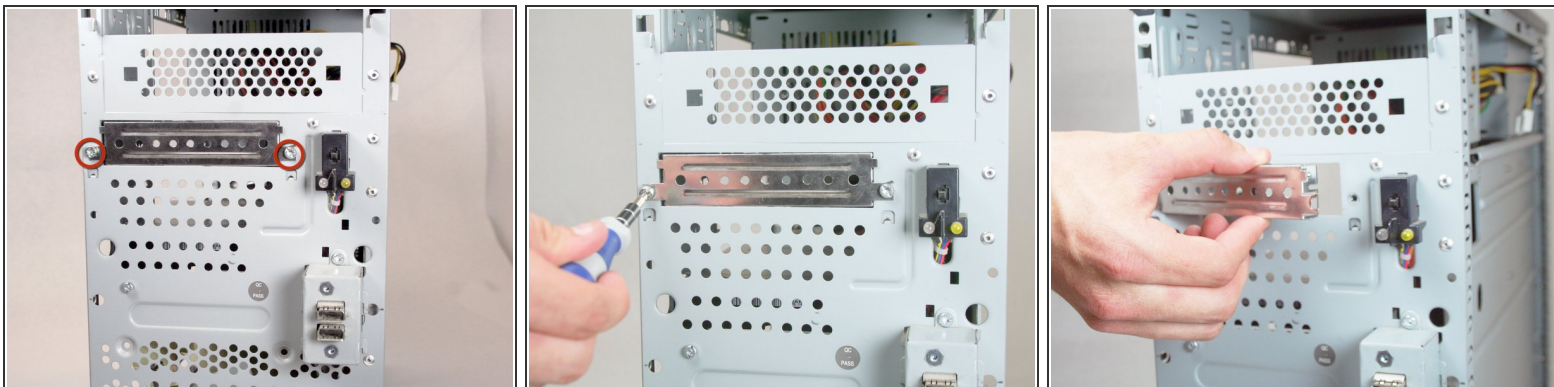
- Remove the IDE data and power cables from the hard drive.

Step 6



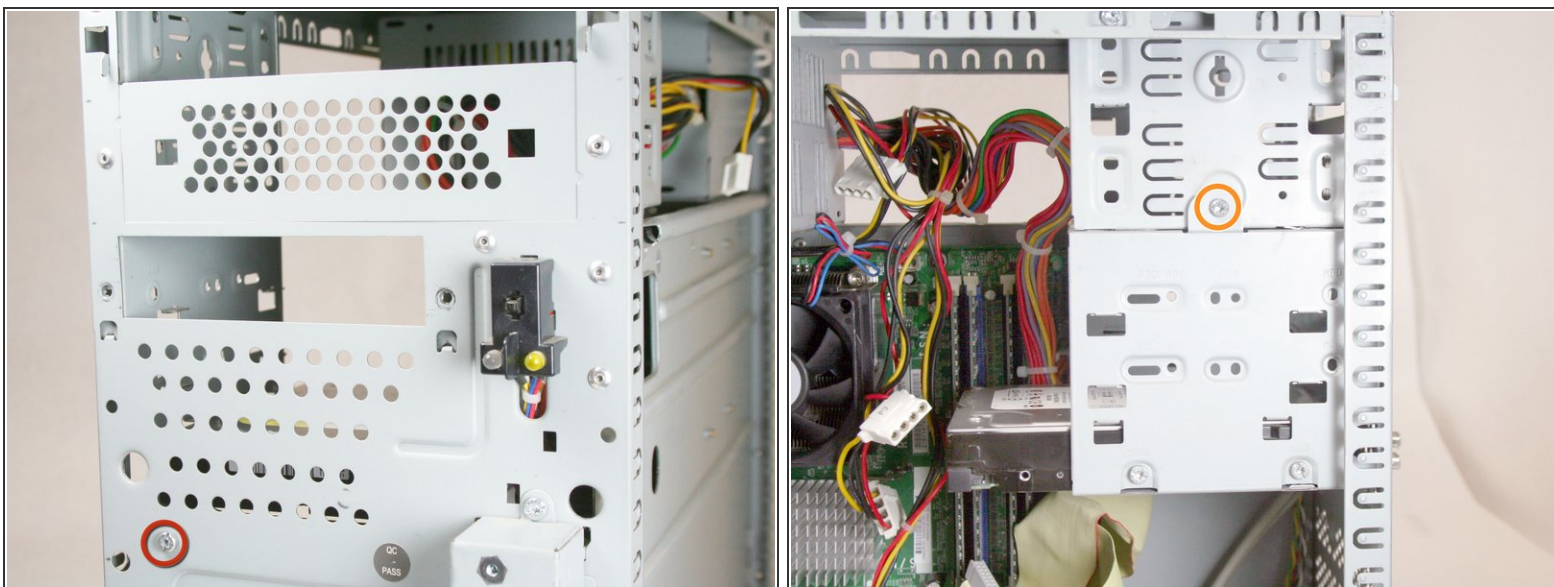
- Remove the front bezel by pulling upwards and out from below the lowest air vent.

Step 7



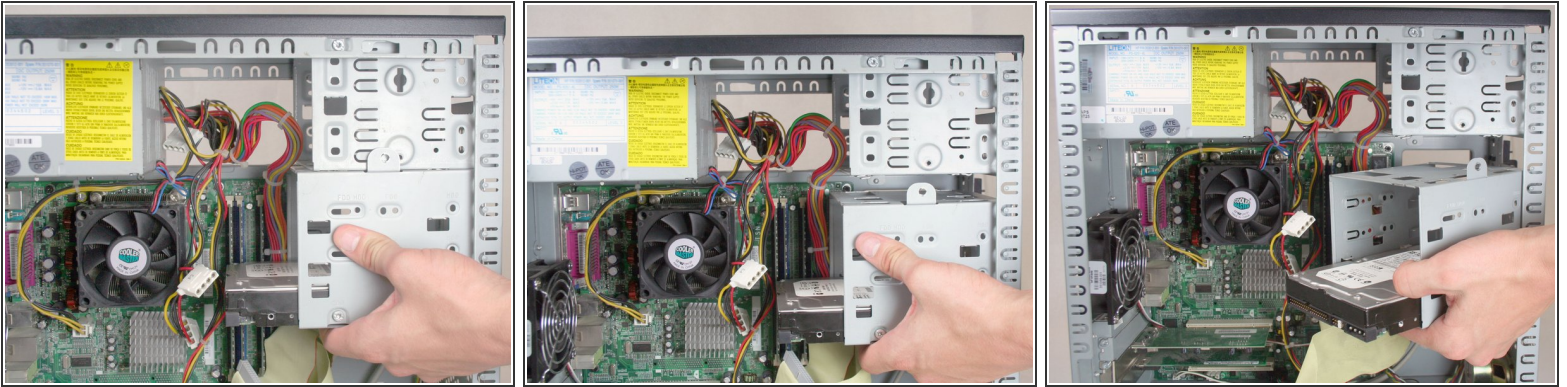
- Remove the external drive faceplate by removing the two Torx T15 screws.

Step 8



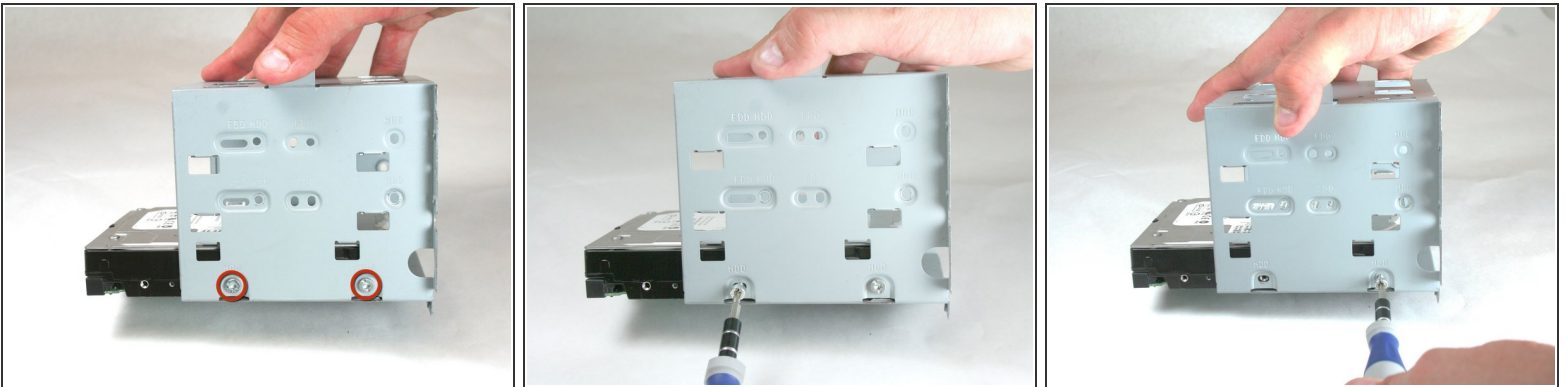
- Remove the following screws:
 - Front Torx T15.
 - Torx T15 mounting the hard drive cage to the optical drive bay.

Step 9



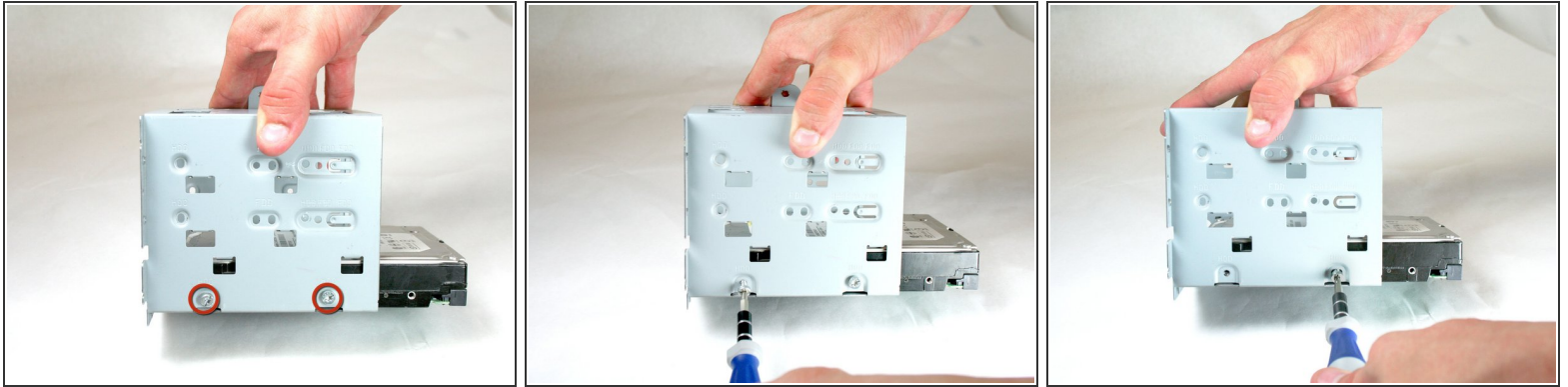
- Fully remove the hard drive cage by sliding it towards the back of the device and pulling down.

Step 10



- Remove the two Torx T15 screws holding this side of the hard drive in place.

Step 11



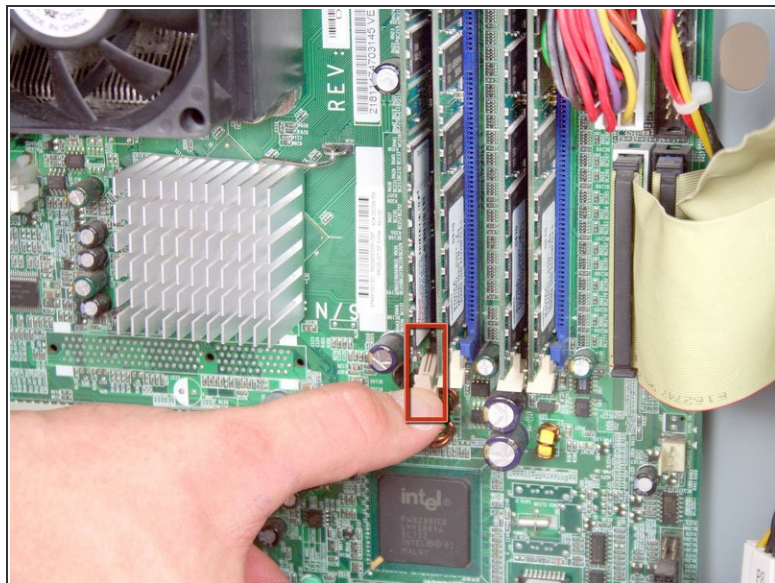
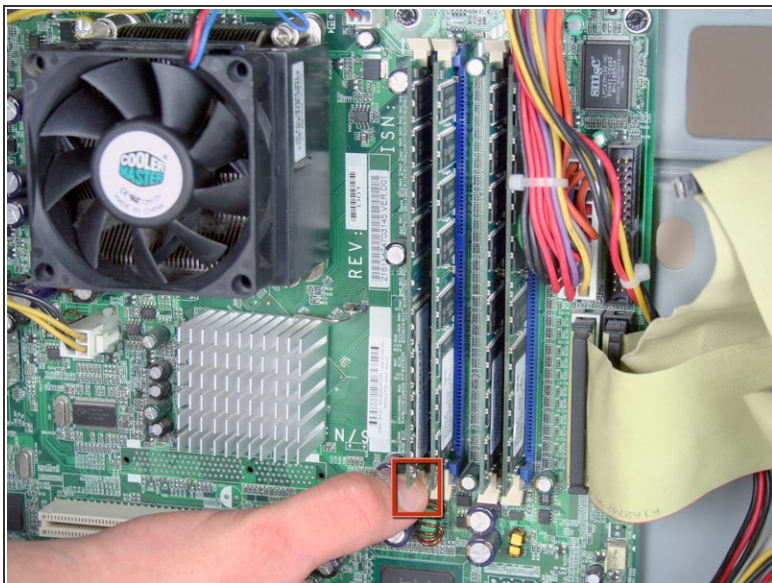
- Proceed to the other side of the hard drive cage.
- Remove the two Torx T15 screws holding this side of the hard drive in place.

Step 12



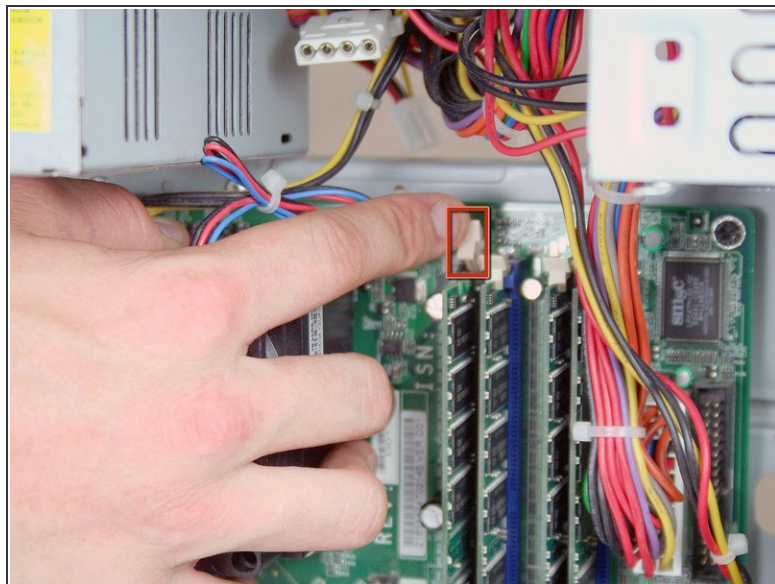
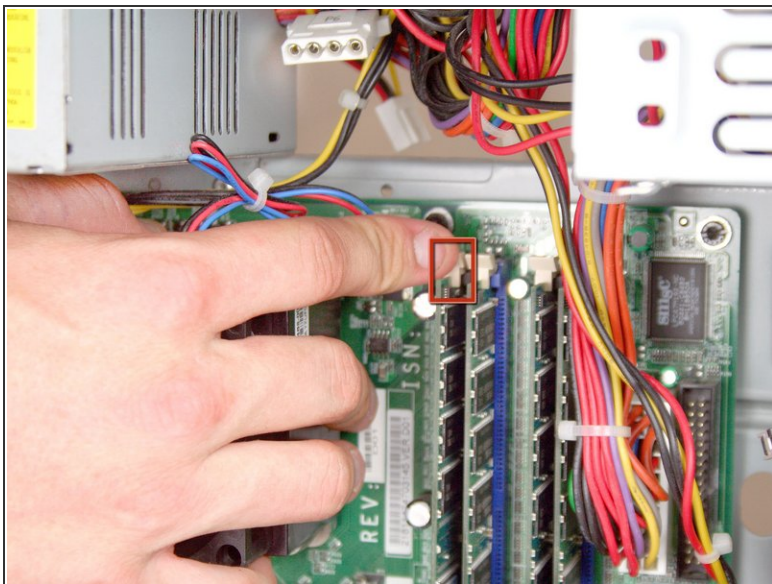
- Remove the hard drive from the hard drive cage by pulling it outward from the cage.

Step 13 — RAM



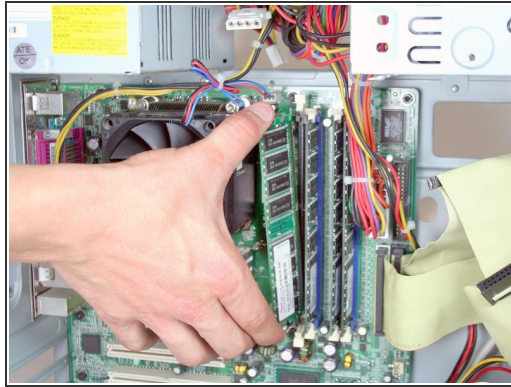
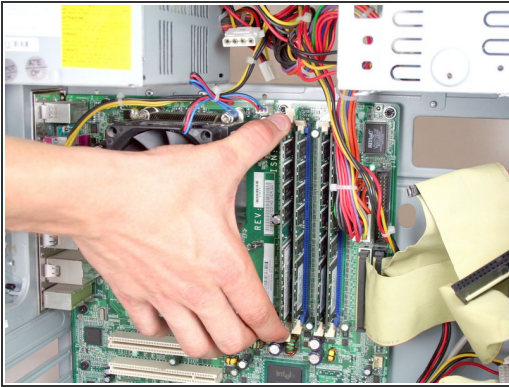
- Release the lower portion of the RAM by pushing down on the bottom tab.

Step 14



- Release the upper portion of the RAM by pushing down on the upper tab.

Step 15



- Remove the RAM by pulling it out towards the side of the device

⚠ Be careful about touching the top (right) and bottom (left) sides of the RAM! The static electricity in your fingers could short it. If you can, only touch the top and bottom of the RAM.

- i** If replacing RAM, make sure it is the right type, speed, and size for your computer. Otherwise the RAM may not fit or your computer may not start up.

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