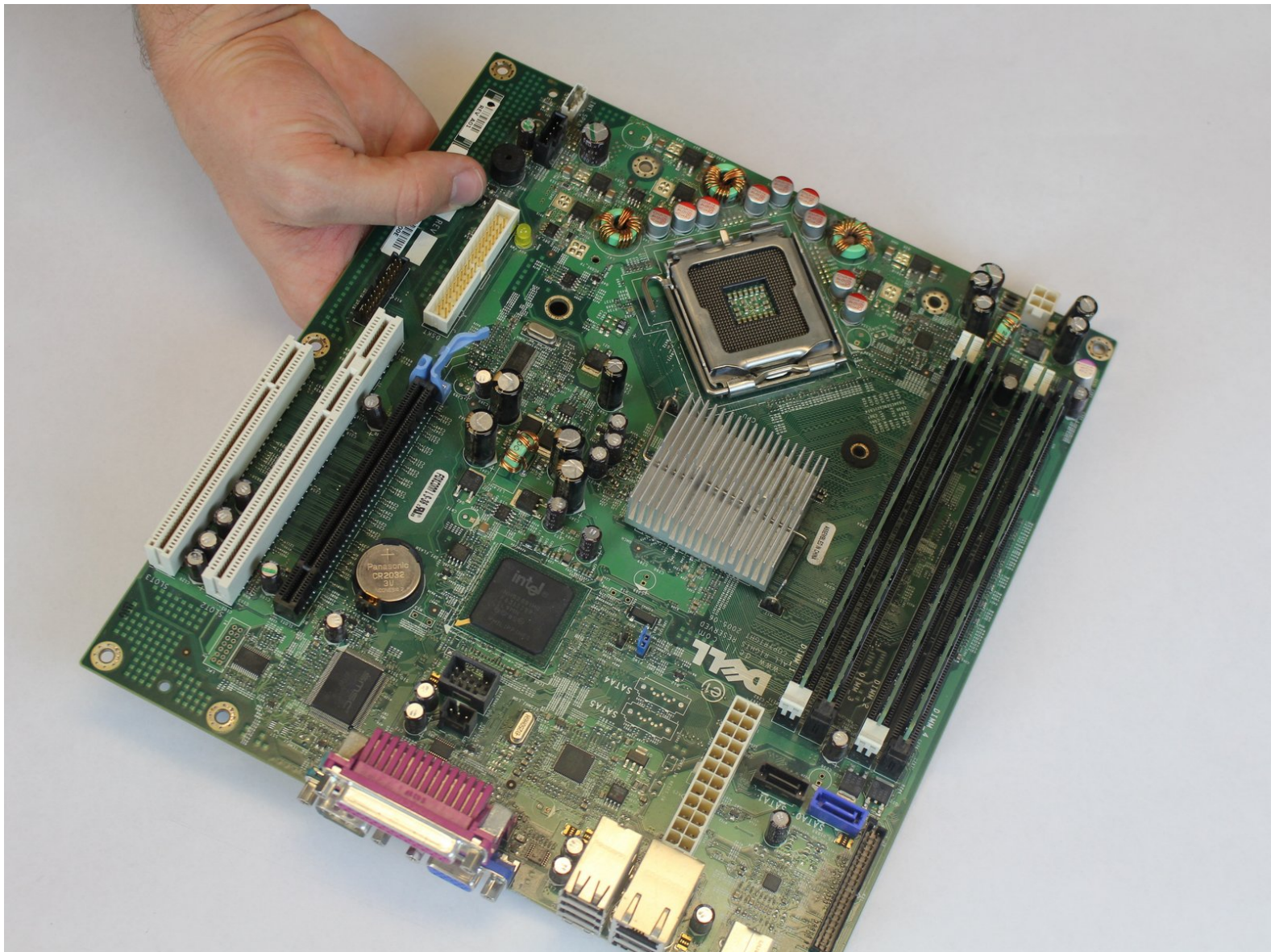




Dell Optiplex 745 Small Form Factor Motherboard Replacement

To replace the entire motherboard, use this guide.

Written By: Alexander Rosner



INTRODUCTION

In this guide, we will be removing parts of the computer from the motherboard to be able to take the board itself out.



TOOLS:

- [Phillips #2 Screwdriver](#) (1)
-

Step 1 — Opening the case



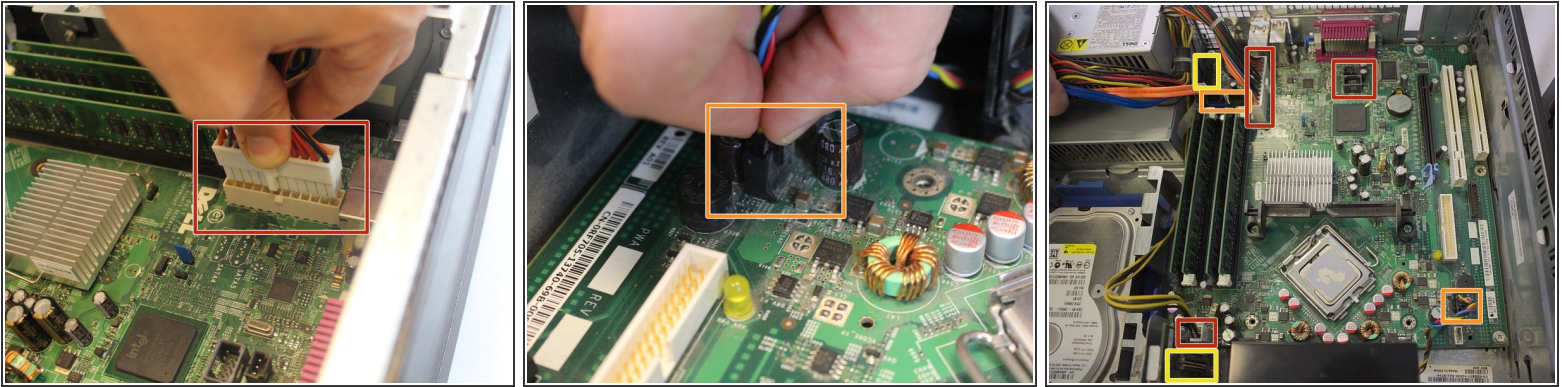
- Pull the tab and the lid will pop up.

Step 2



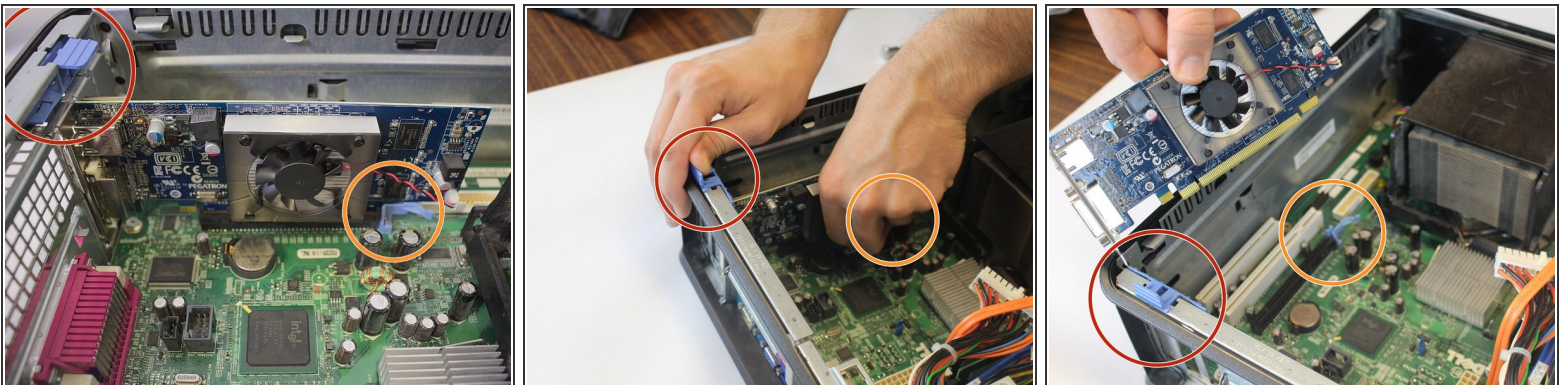
- Grab the lid and pull it up and off.

Step 3 — Motherboard



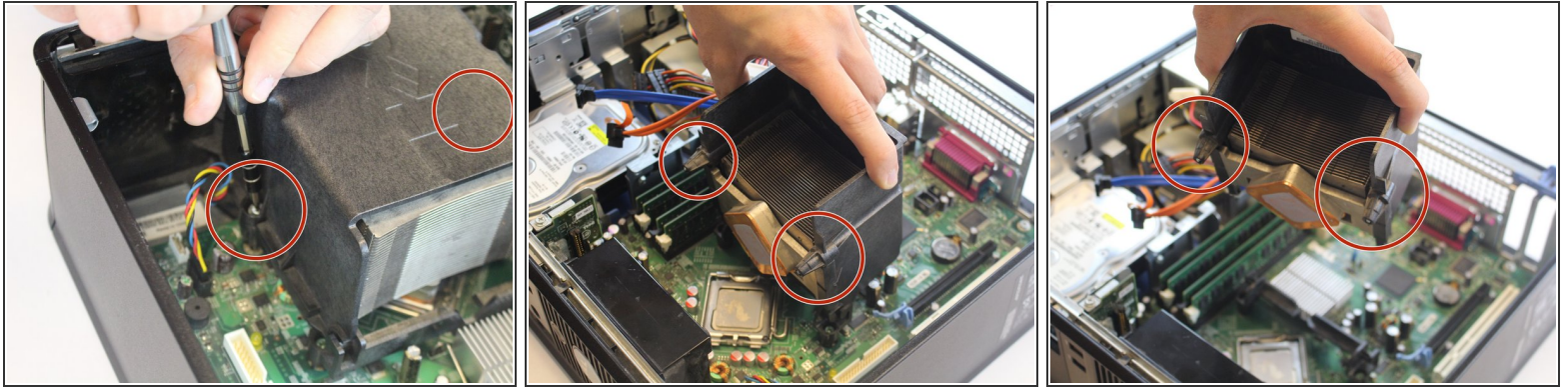
- Disconnect all of the cords that are connected to the motherboard.
 - Press in the lever on the side of the male end, and then pull out.
 - Pull cord straight out.
 - Disconnect the front plate (USB and audio output) from the motherboard.
- ⓘ Some of the cords in the pictures are missing due to the condition of our device when creating this guide.

Step 4



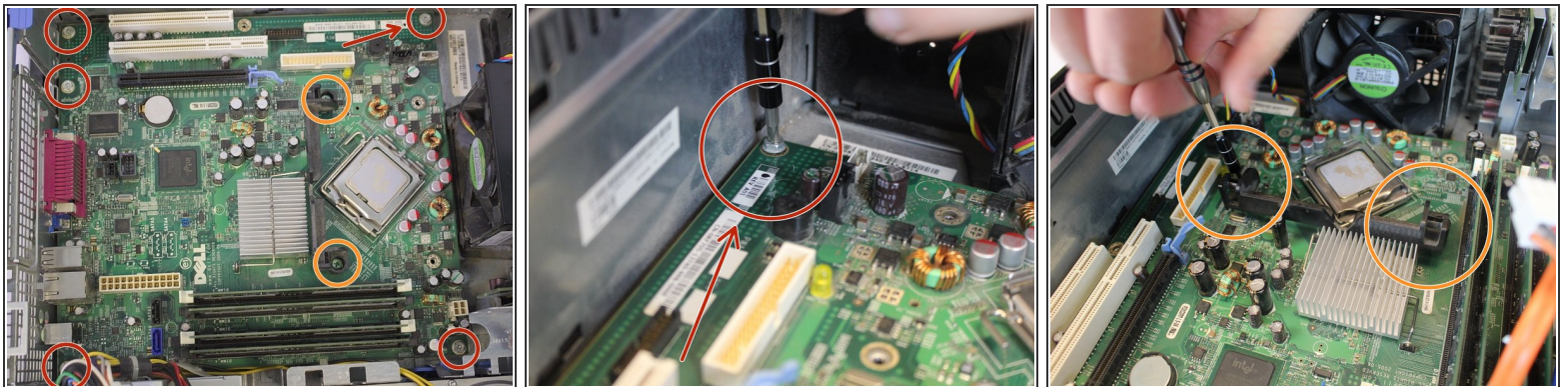
- Remove the graphics card.
 - Lift the blue latch on the fat end of the graphics card.
 - Pull the blue lever on the skinny end of the graphics card toward the power supply.
 - Pull out one end of the card at a time.

Step 5



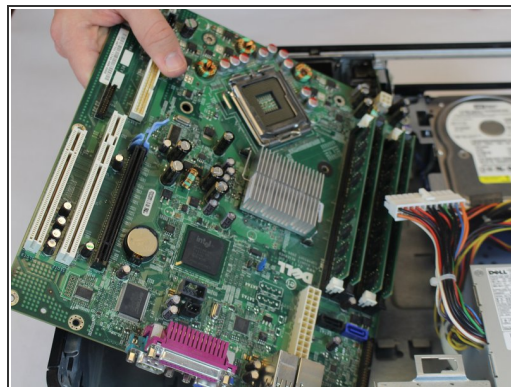
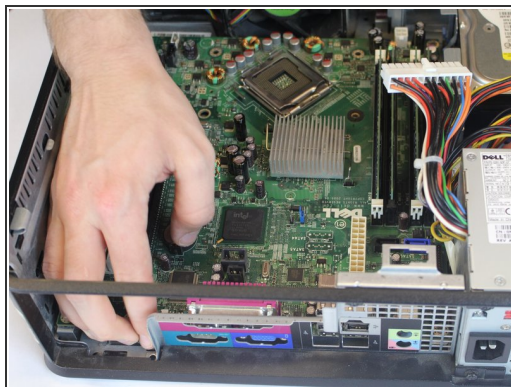
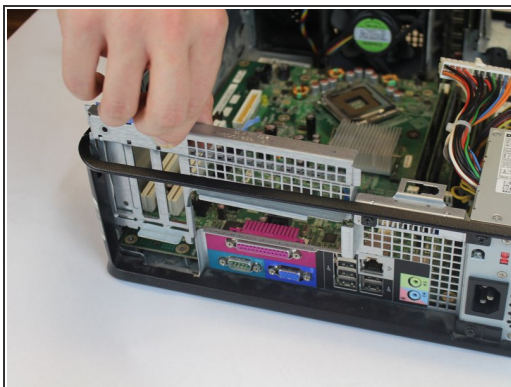
- Remove the heat sink.
 - Unscrew the (2) two screws using a Phillips #2 screwdriver and lift out the heat sink.

Step 6



- Remove the (5) five 6mm Phillips #2 screws from the motherboard.
 - Remove the (2) two 17mm Phillips #2 screws from the mount for the heat sink.

Step 7



- Remove the back plate by lifting straight out by the blue latch that secures the graphics card.
- Pull the end of the motherboard closest to the back of the computer away from the static back plate.
- Lift this end away and out of the case.

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