



Acer AL1714 Power Supply Board

This guide will demonstrate the steps needed to disconnect and replace the Power Supply Board in the Acer AL1714. A malfunction in this part can cause possible issues with the ability to turn your device on.

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 **TOOLS:**

- [Phillips #1 Screwdriver \(1\)](#)
- [8" Needle Nose Plier \(1\)](#)
- [Tweezers \(1\)](#)
- [iFixit Opening Tools \(1\)](#)

Step 1 — Power Supply Board



- Turn the monitor facedown.
- Unscrew the 5 screws holding the back cover on.

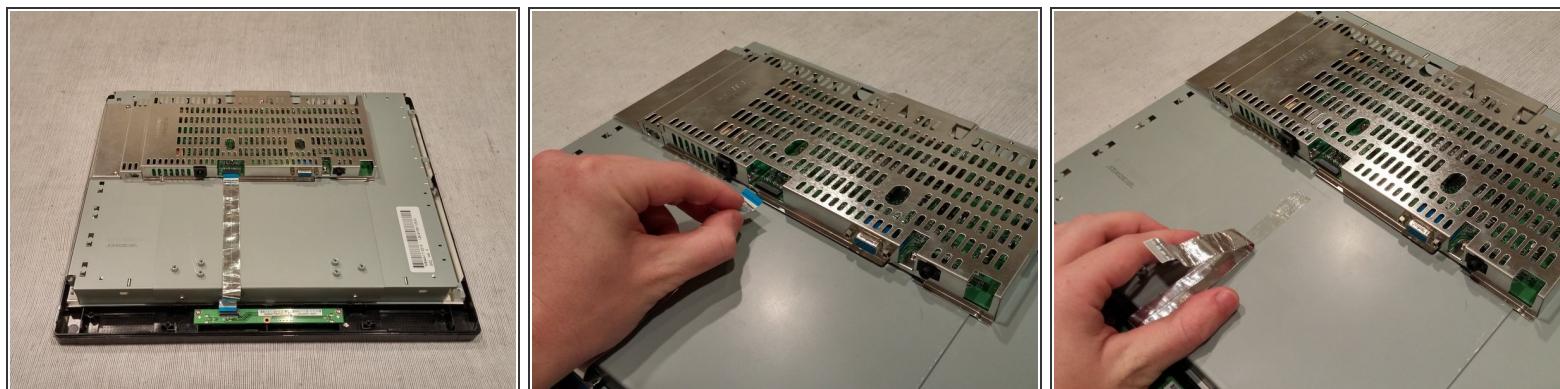
i (This may require flipping the monitor over and shaking the screws loose once they're already unscrewed)

Step 2



- Take the edge tool or a metal ruler and insert it into bezel.
- Apply pressure and push down.
- Do the same to the right side.
- Once the side of the bezel facing you is decoupled, take the back cover and pry it loose.

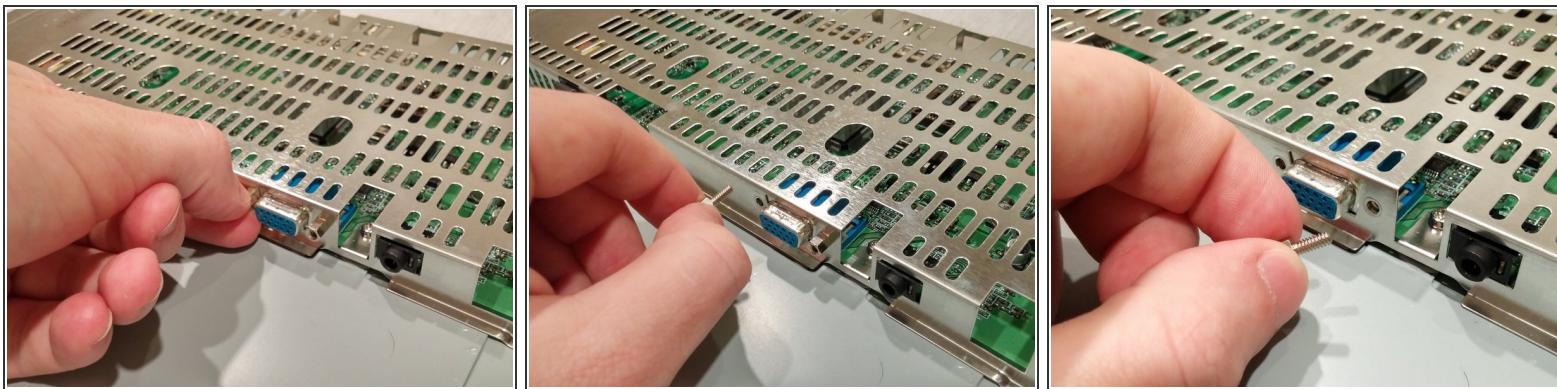
Step 3



- Remove the Flat Flex Cable from the Power Supply board under the metal cover.
- Pull the cord back and out of the way.

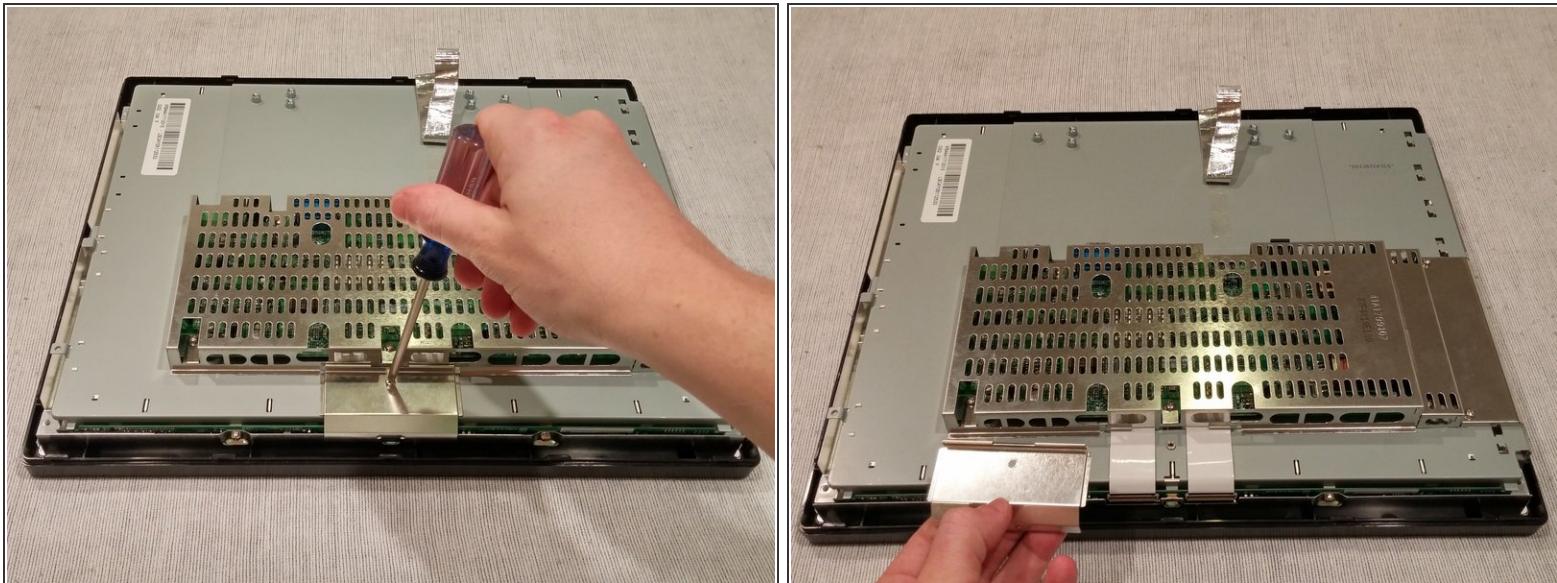
(i) (It may be stuck down with adhesive)

Step 4



- Unscrew the cord anchors for the VGA port.
- (Use needle nose pliers if they're too tight for removal by hand)

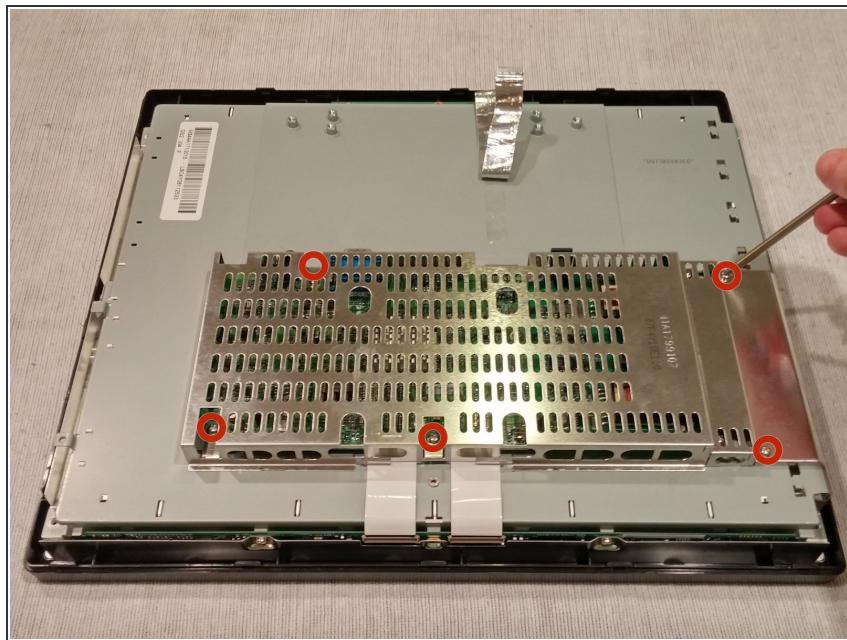
Step 5



- Turn the monitor around.
- Unscrew the 1 screw holding the Flat Power Cable cover in place.
- Lift up and remove the Flat Power Cable cover.

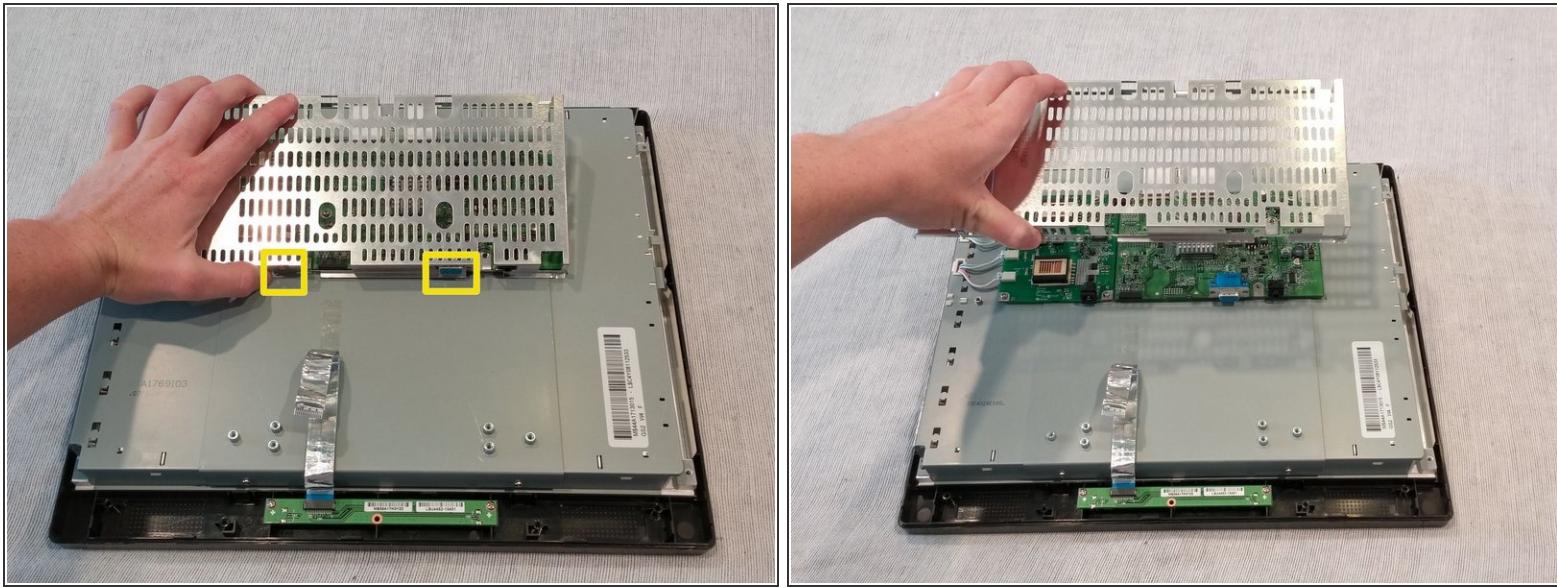
⚠ (Careful: it may be sharp)

Step 6



- Unscrew the 5 screws holding the metal cage on.

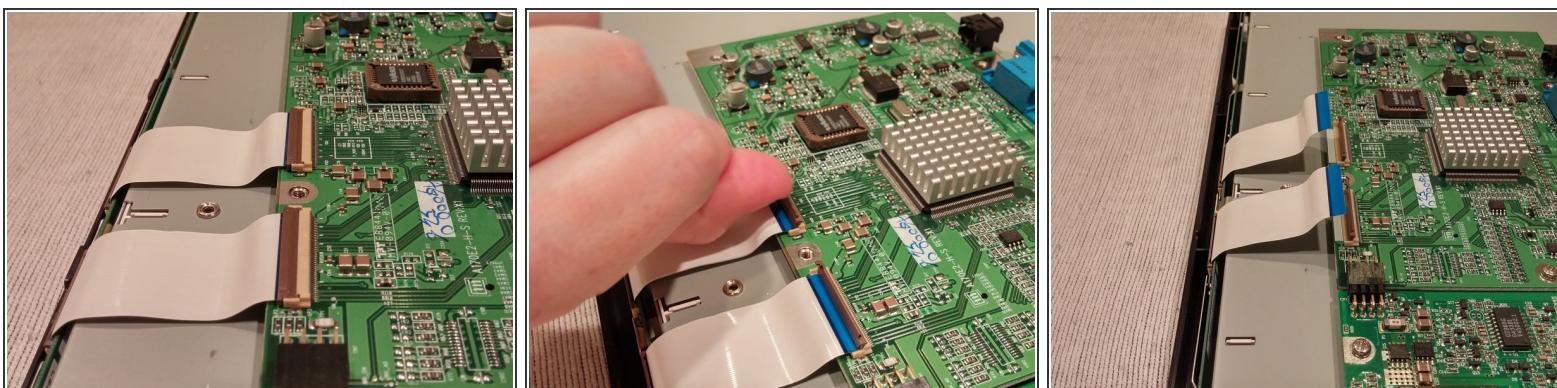
Step 7



- Turn the monitor around.
- Lift up on the back of the metal cage slightly.
- Pull the cage toward self.

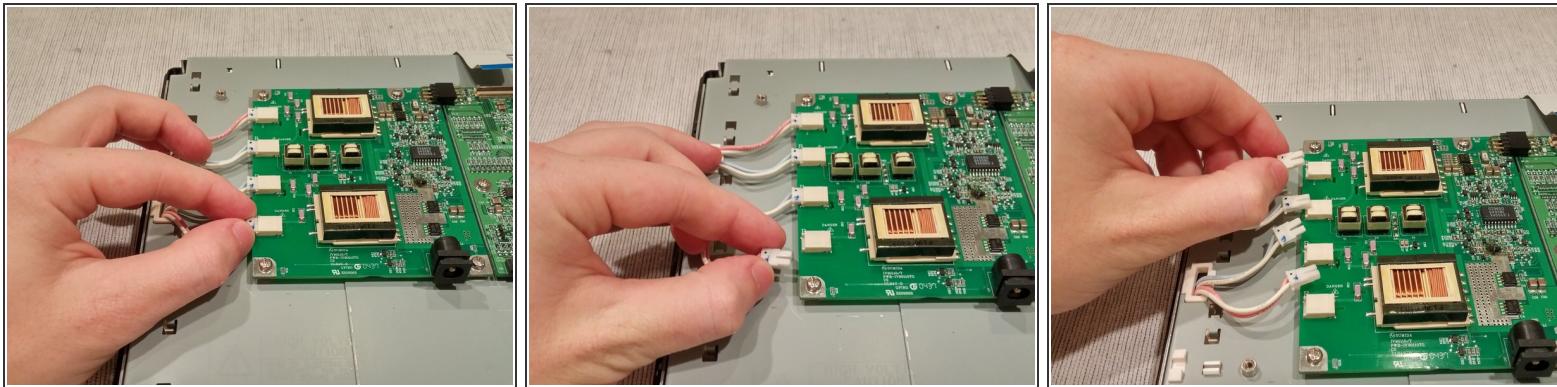
(i) (Must be careful to free the cover of the VGA port and power supply input)

Step 8



- Lift up on the Flat Flex Cable holder tabs to release the cords.
- Lift up on the Flat Flex Cables and bend them out of the working area.

Step 9



- Unplug the 4 backlight wires from their ports on the Power Supply Board.

- (Considering their size, the best way to unplug the backlight wires is by slowly jiggling and pulling the wires out of place)

Step 10



- Unscrew the 5 screws holding the joined Power Supply and Video Display boards on.

Step 11



- Lift and remove the joined Power Supply and Video Display boards.

Step 12



- Carefully detach the Power Supply and Video Display boards at their connector joint.
- Replace the Power Supply Board with a new part.

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