



Acer AL1714 Video Display Board

This guide will demonstrate the steps needed to disconnect and replace the AD PCB in the Acer AL1714.

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 **TOOLS:**

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

Step 1 — Video Display Board



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

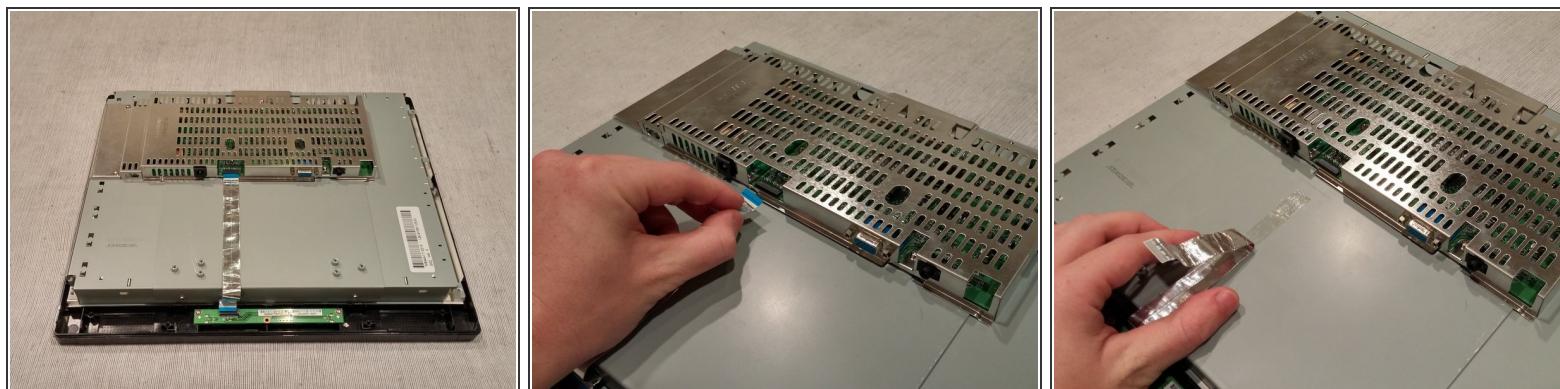
(i) (This may require flipping the monitor over and shaking the screws loose once they're already unscrewed)

Step 2



- Take the edge tool or a metal ruler and insert it into the 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.

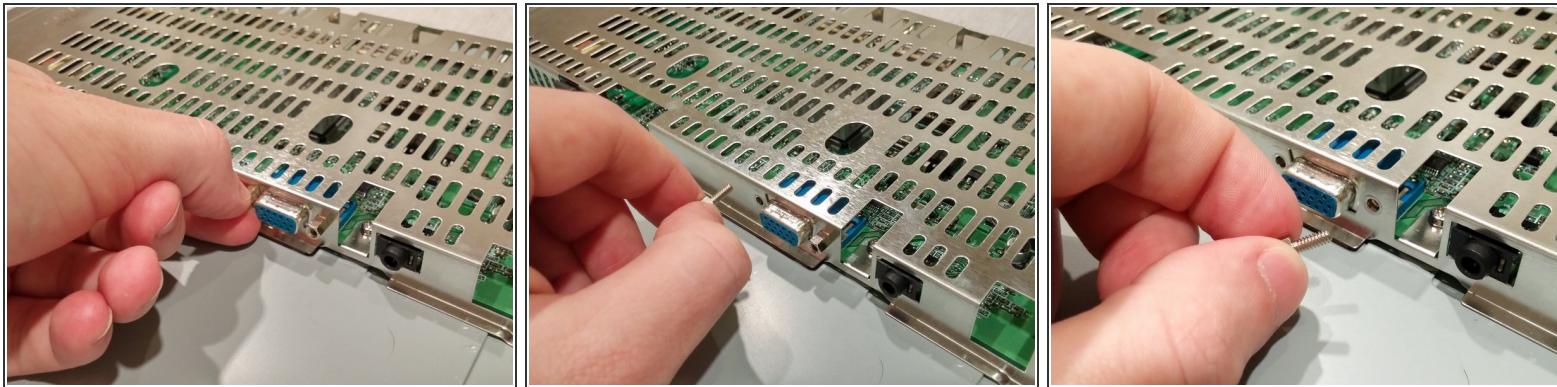
Step 3



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

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

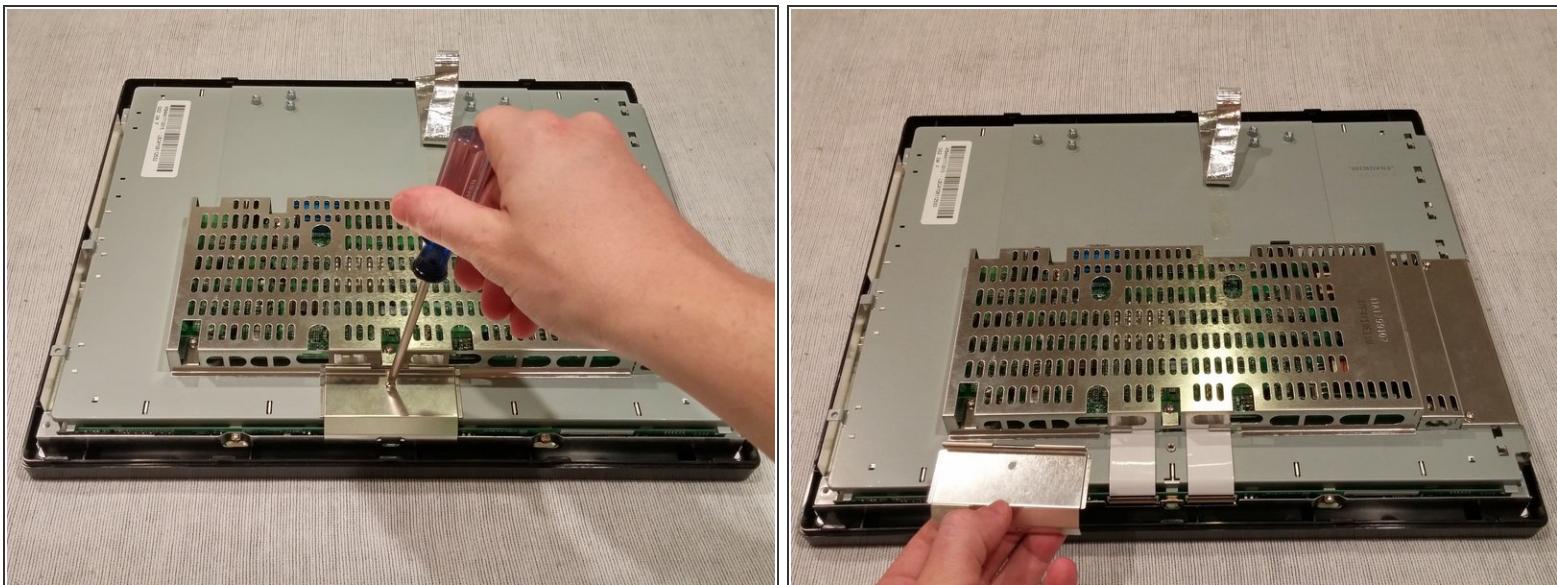
Step 4



- Unscrew the cord anchors for the VGA port.

(i) (Use needle nose pliers if they're too tight for removal by hand)

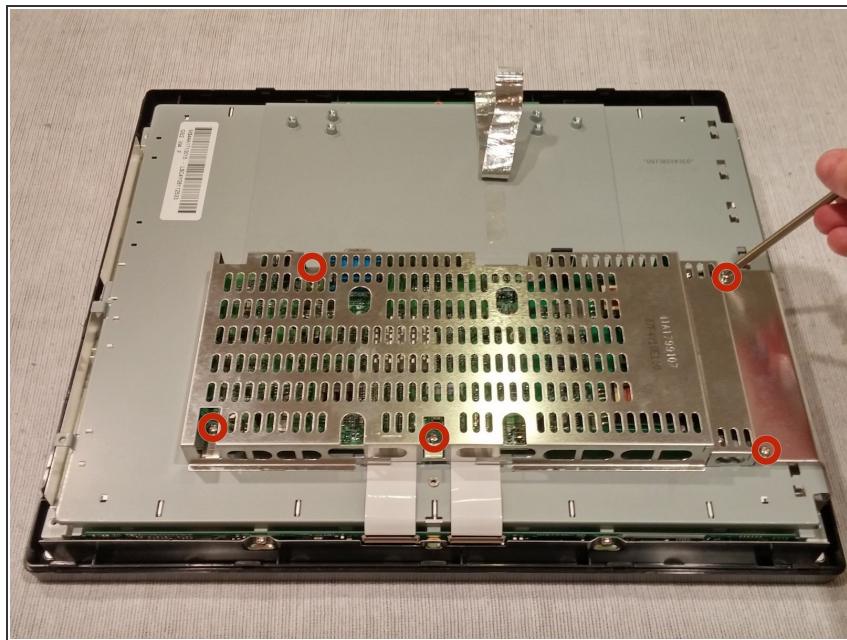
Step 5



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

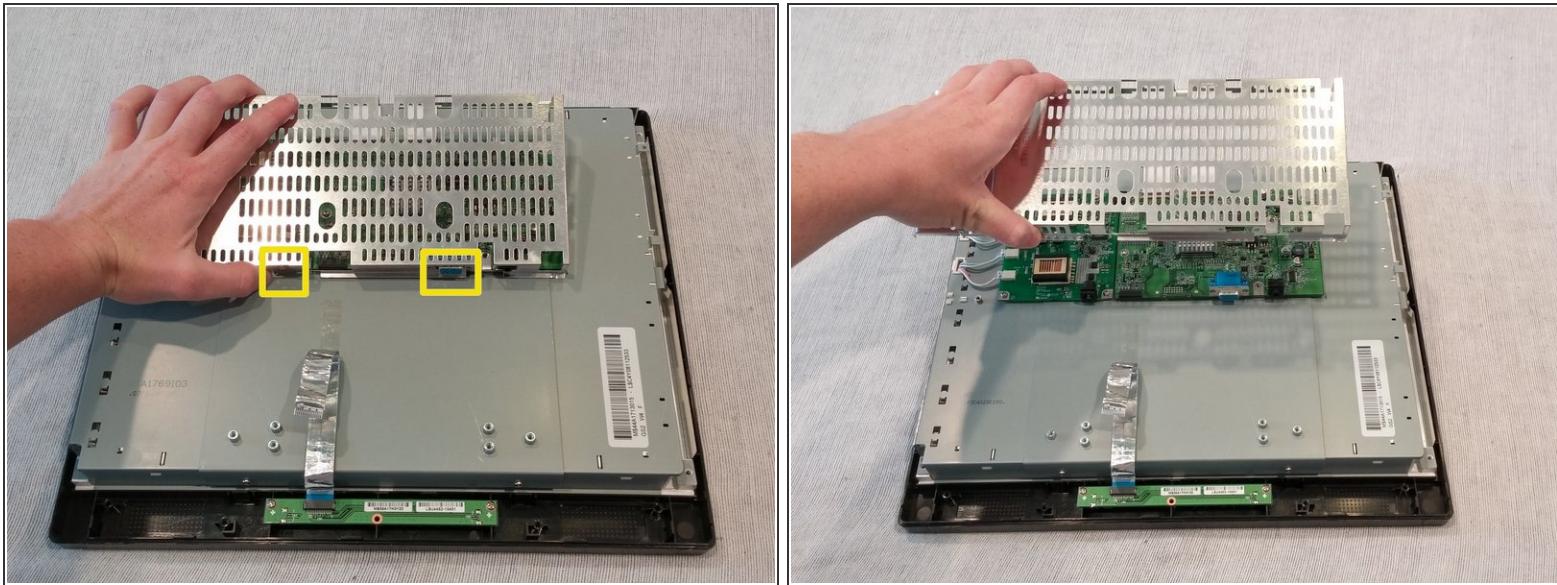
(i) (Careful: this may be sharp)

Step 6



- Unscrew the 5 screws holding the metal cage on.

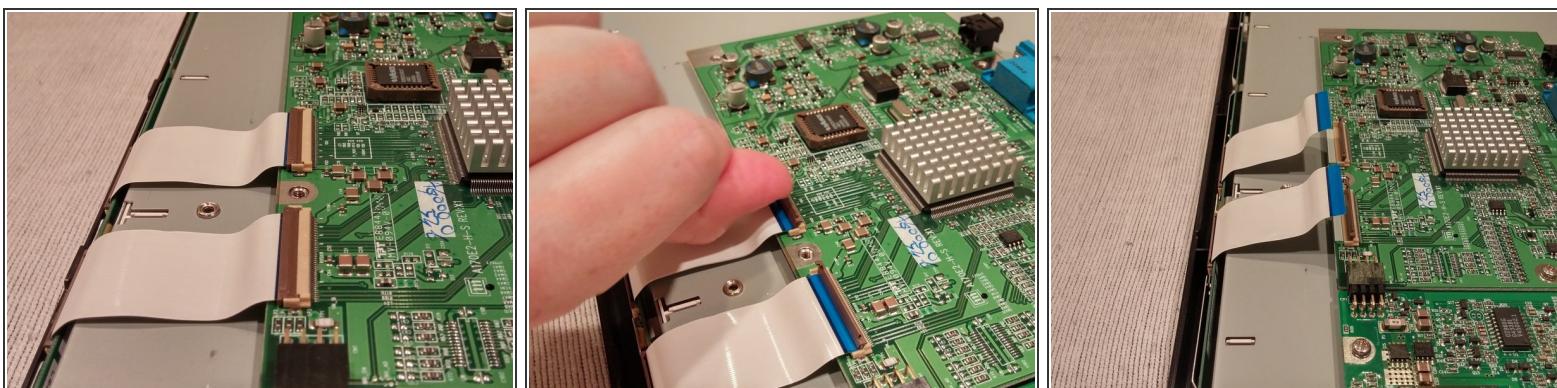
Step 7



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

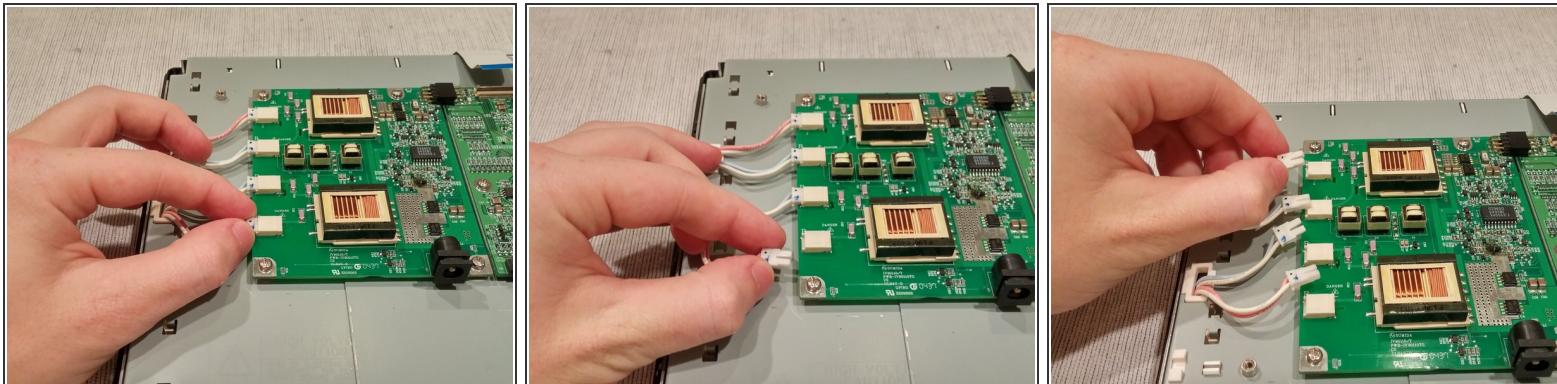
(i) (Must be careful to free the cover of the VGA port and the power supply input)

Step 8



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

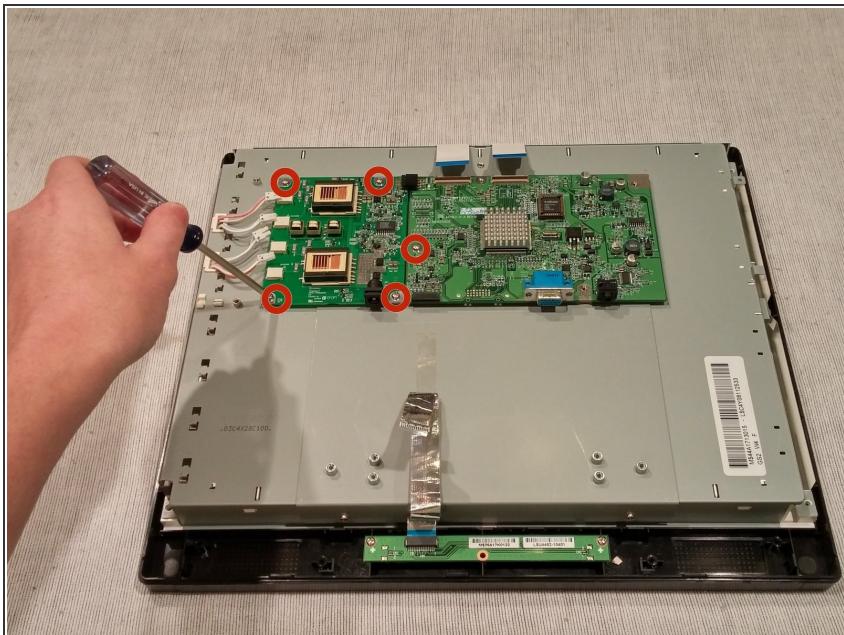
Step 9



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

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

Step 10



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

Step 11



- Lift and remove the joined boards.

Step 12



- Carefully detach the two boards at their connector joint.
- Replace outlined part.

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