



# iMac Intel 21.5" Retina 4K Display 2019 Teardown

iMac 21.5" Retina 4K Display 3.6GHz Quad-Core Processor 1TB Storage

Written By: Babak



## INTRODUCTION

I have made a video for the first time if your interested have look there.

## Step 1 — iMac Intel 21.5" Retina 4K Display 2019 Teardown



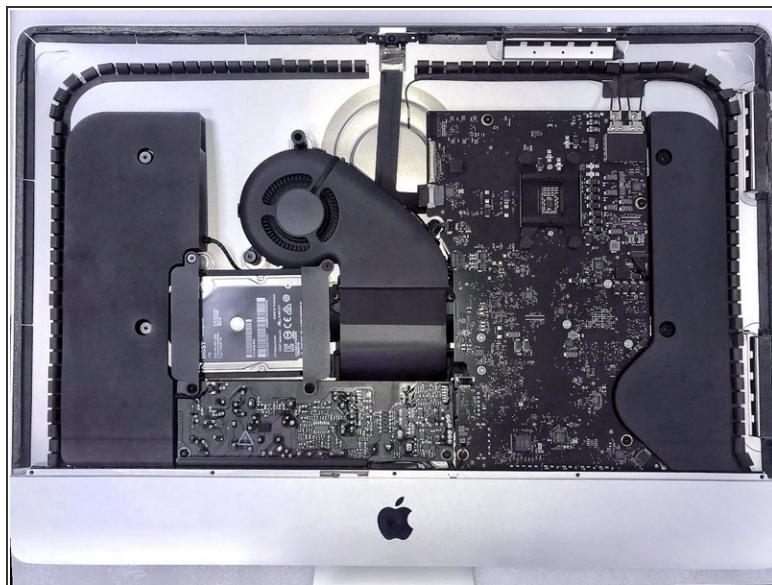
- ⓘ Apple has surprised us all by unveiling some new iMacs without a Keynote.
- ⓘ But what has surprised us most by far are the big specs this little iMac packs.
  - 8th generation Intel Core i3 quad-core processor clocked at 3.6GHz
  - 8GB of DDR4 RAM Running at a speed of 2400MHz
  - A mediocre 1 TB mechanical hard disk drive.
  - AMD Radeon Pro 555X graphics card with 2GB of GDDR5 video RAM.
  - And of course the gorgeous 4K Retina Display with support for the P3 color gamut.

## Step 2



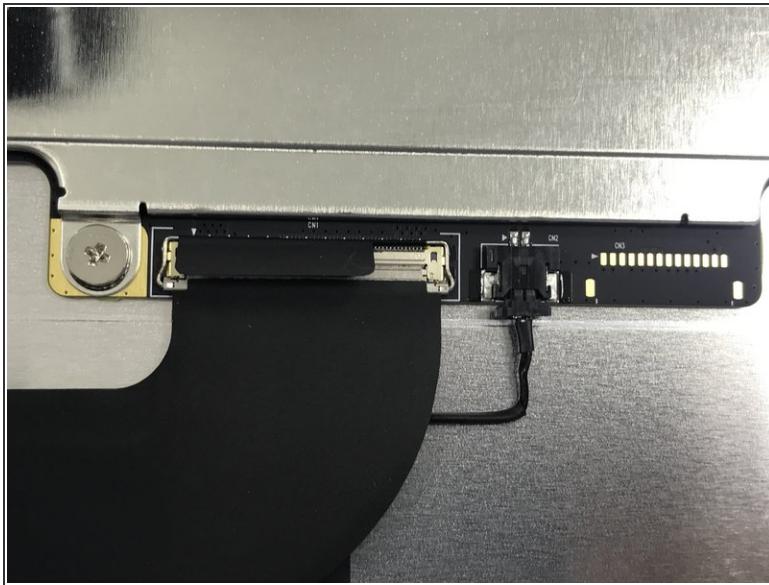
- Opening the iMac has never been easier with iFixit opening tool.
- I did use these 6 tools

## Step 3



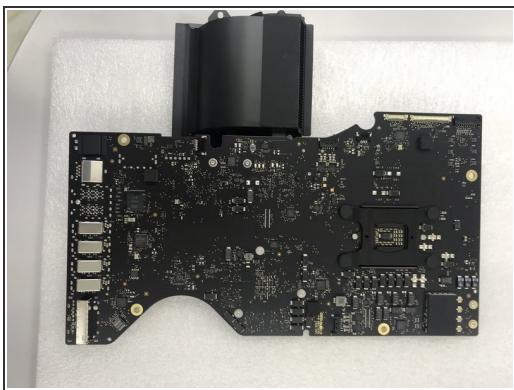
- It was really disappointing to see nothing is changed in this iMac in last 2 years.

## Step 4



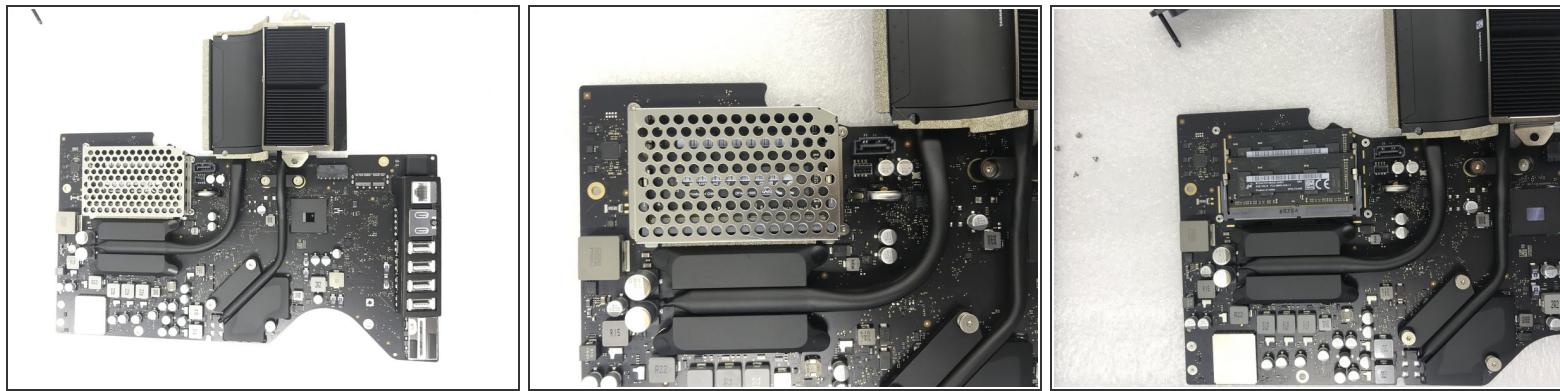
- it seems they have changed the LCD connecters only
- The large LCD screen is made by LG Display.

## Step 5



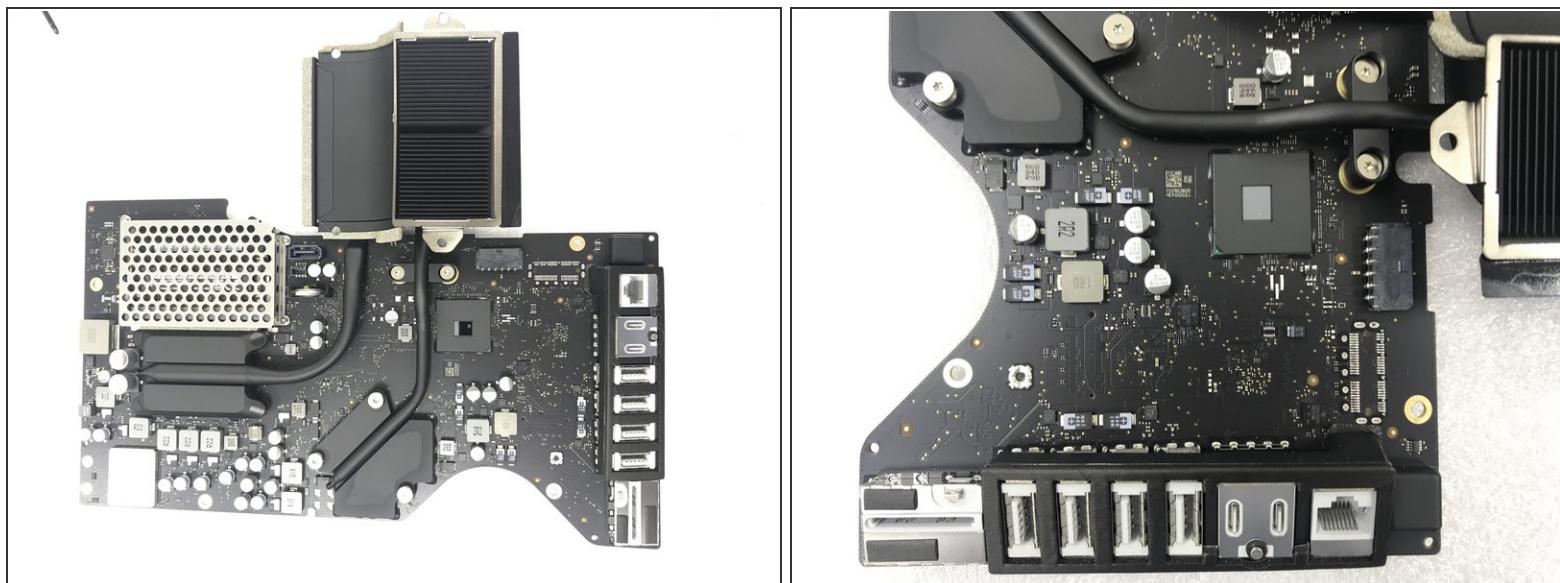
- Only wifi and bluetooth module in now fixed on the board. Hard drive still same Hitachi 5400 rpm and fan still the same as you can see

## Step 6



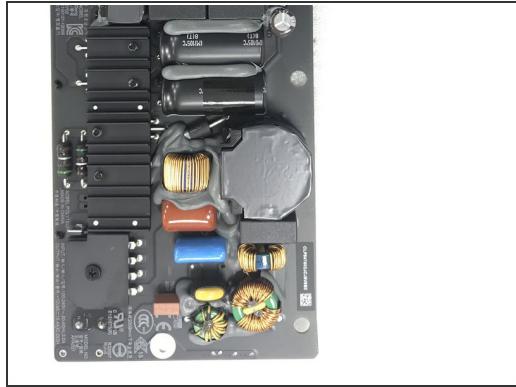
- A protection cover for the RAMs which I think is not necessary for a fixed device like this and as you know 2666 MHz DDR4 rams are little higher speed than the 2017 model.

## Step 7



- Insert wisdom here.

## Step 8 — Power Supply



- Power supply
- **If not handled correctly, the power supply can do bodily harm.**

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