



How to repair video on Mid 2011 27 inch iMac

This will show the repair for a bad video card as well as many of the steps to disassemble the machine down to the video adapter.

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INTRODUCTION

This will show one technique for fixing the video issue that many of these iMac's either have or get. It will also show how to tear down the machine to the Video card level.



TOOLS:

- [Pro Tech Toolkit](#) (1)
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Step 1 — How to repair video on Mid 2011 27 inch iMac

iMac 27 inch video fix

Model Name: iMac
Model Identifier: iMac12,2
Processor Name: Intel Core i7
Processor Speed: 3.4 GHz
Number of Processors: 1
Total Number of Cores: 4
L2 Cache (per Core): 256 KB
L3 Cache: 8 MB
Memory: 16 GB
Boot ROM Version: IM121.004F.B00
SMC Version (system): 1.72f2



AMD Radeon HD 6970M:

Chipset Model: AMD Radeon HD 6970M
Type: GPU
Bus: PCIe
PCIe Lane Width: x16
VRAM (Dynamic, Max): 2048 MB
Vendor: AMD (0x1002)
Device ID: 0x6720
Revision ID: 0x0000
ROM Revision: 113-C2960K-205
VBIOS Version: 113-C29609-103
EFI Driver Version: 01.00.577

- This is just one way to fix the video issue, I am sure there are others but this worked for me.

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