



eMachine T5234 RAM Disks Replacement

Replace the RAM Disks in your eMachine T5234.

Written By: Luis Lopez



INTRODUCTION

Has your eMachine been running slow lately? Ready to upgrade to a higher memory size? This guide will show you how to remove the built-in Samsung random access memory (RAM) disks and install two DDR4 SDRAM memory disks.

Note that the size of your memory disks will need to be in DDR4 SDRAM bandwidth.

I will be using the Phillips #1 Screwdriver from my iFixit Pro Tech Toolkit.

TOOLS:

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

Step 1 — Shut Down Computer



- Shut down the computer.
- Disconnect all cables from the computer.

! Static electricity can damage the hardware on your motherboard. Use the [iFixit Anti-Static Wrist Strap](#) or discharge the electricity by touching the metal of the case frame before unpacking the RAM disks.

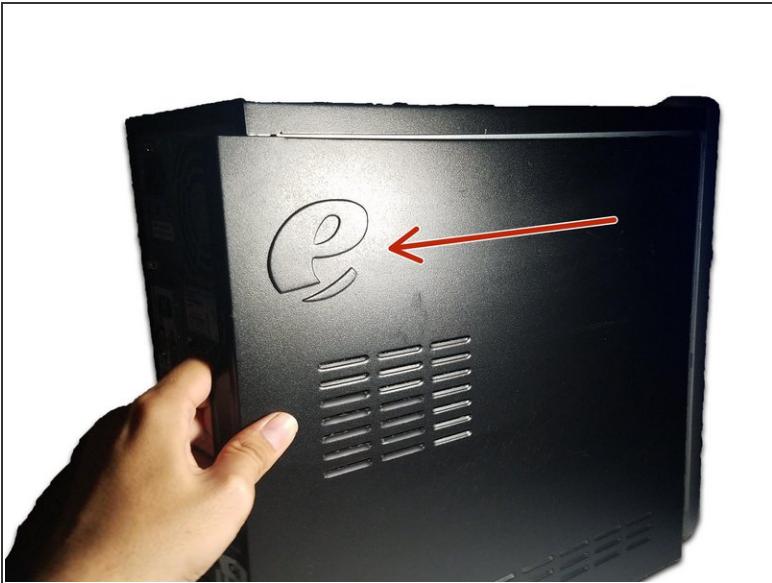
i Note: Do not remove the RAM disks from their casing until Step 8.

Step 2 — Removing the Case



- Place the computer upright at standing position.
- Using a [Phillips #1 Screwdriver](#):
 - Remove the two 1cm combination screws located on the right of the casing.

Step 3



- Using your hands, dislodge the casing and pull the case panel towards you until the panel comes off.

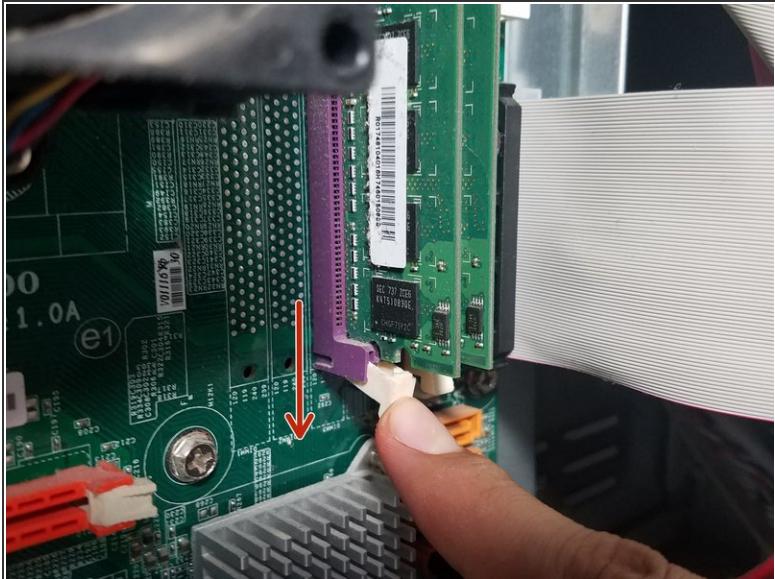
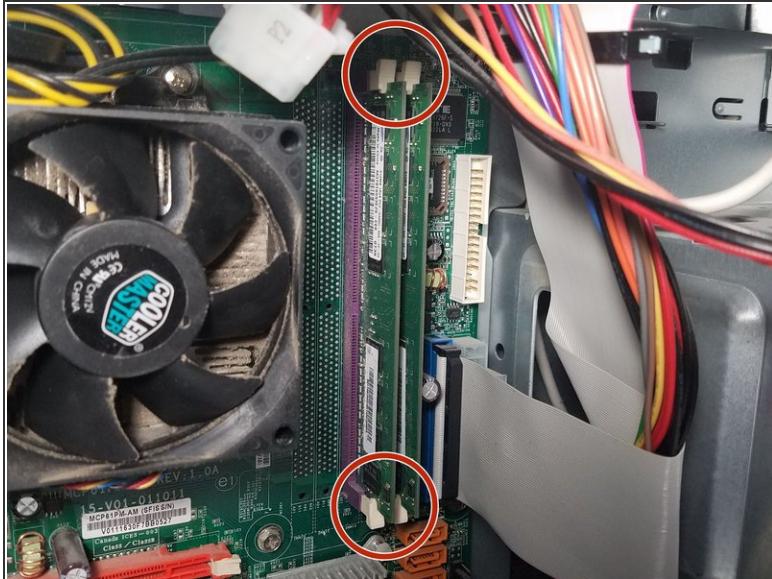
Step 4 — Locate the RAM Disk Slots



- With the case panel open, locate the **two** RAM disk slots on the right side of the motherboard.

 Do not touch the motherboard with your hands. The oil on your skin can damage or destroy the hardware modules.

Step 5 — Remove the RAM Disks



- Locate the tabs on the RAM disks.
- Use your index finger to release the tab at the bottom of the left RAM disk slot.

Step 6



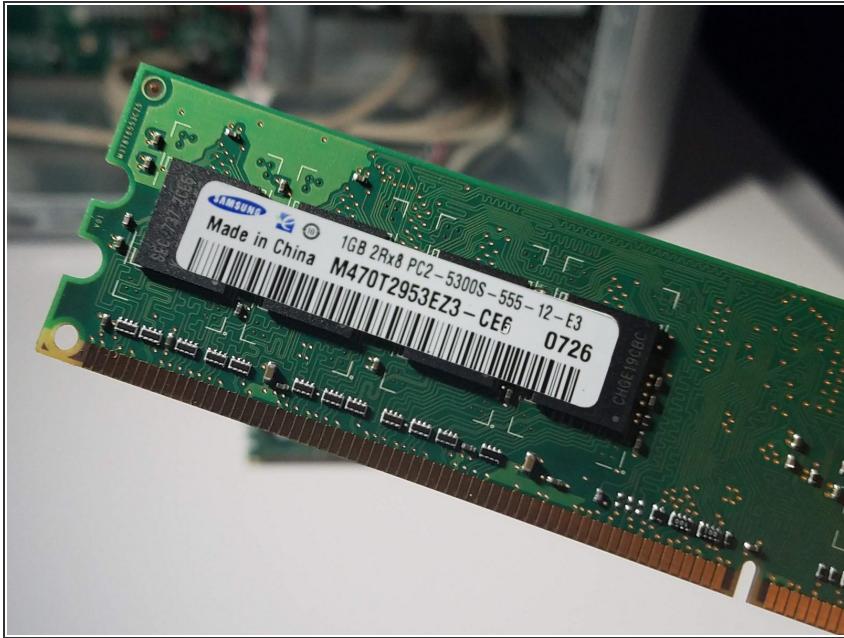
- Release the tab at the top of the left RAM disk.
- Note: The RAM disk will pop off the motherboard when you release the bottom tab. Use the edges of the RAM disk to pick up and store the memory disk.
- If the RAM disk does not pop off, use the edges of the disk to pull it off.
- Store the unused RAM disk in a plastic container for future use or go to a recycling center for proper disposal.

Step 7



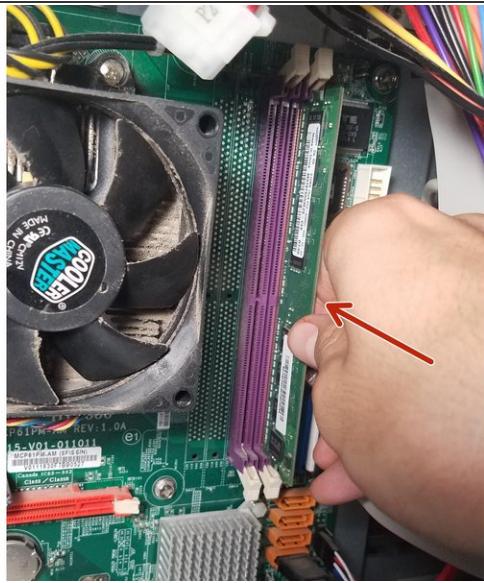
- Release the top tab and the bottom tab to dislodge the right RAM disk.

Step 8 — Installing the RAM Disks



- Remove your new RAM disks from their casing.
- ☒ Hold the RAM disk along the sides and avoid skin contact with any of the gold components.

Step 9



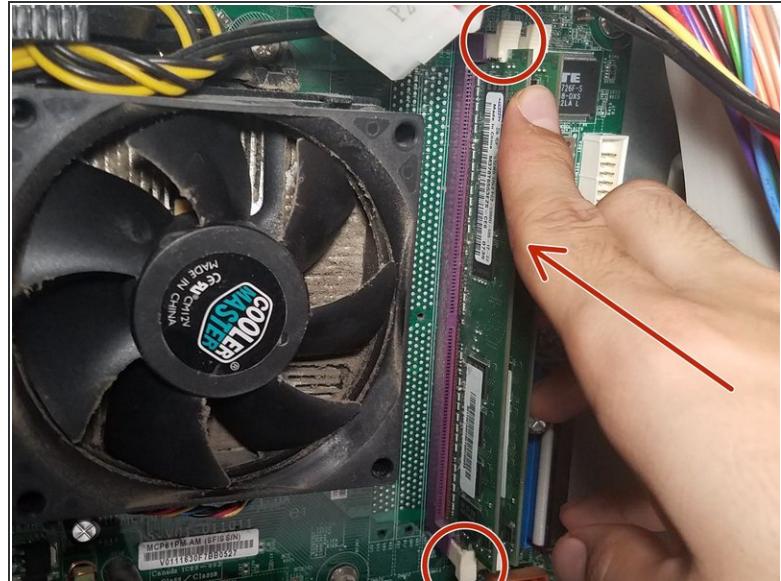
- Align the RAM disk to match the slot and insert the disk to the right memory disk slot.
- Gently push the disk in to secure.
- Secure the tabs at the top and bottom of the memory disk slots to lock into place.

Step 10



- Now it's time for the second disk. Retrieve the second RAM disk from its casing.
- Hold the RAM disk along the sides and avoid skin contact with any of the gold components.

Step 11



- Align the RAM disk to match the slot and Insert the RAM disk to the right memory disk slot
- Gently push the disk in to secure.
- Secure the tabs at the top and bottom of the RAM disk to lock into place.

Step 12 — Reassembly



- Use both hands to align the case panel to the case frame.
- Once in place, push the case panel forward until it secures in place.

Step 13



- Using your [Phillips #1 Screwdriver](#):
 - Screw the two 1cm combination screws back into place on the right side of the case panel.

And that's all there is to it! Make sure to dispose your old RAM disks properly at your local recycling center.