



iMac Intel 27" EMC 2546 RAM Replacement

For an easy power boost, replace the RAM—the...

Written By: Andrew Optimus Goldheart



INTRODUCTION

For an easy power boost, replace the RAM—the only upgrade that doesn't require cutting the adhesive behind the display.

TOOLS:

[Spudger](#) (1)
recommended

PARTS:

[iMac Intel 27" EMC 2546 \(Late 2012\)](#)
[Memory Maxxer RAM Upgrade Kit](#) (1)
[PC3L-12800 2 GB RAM Chip](#) (1)
[PC3L-12800 4 GB RAM Chip](#) (1)
[PC3L-12800 8 GB RAM Chip](#) (1)

Step 1 — Open the RAM door



- While holding the display steady, use the flat end of a spudger to press in on the RAM door release button, located just above the power port.
- ⓘ You may have to press fairly hard—keep at it until the bottom of the door pops out about 0.25" from the rear of the iMac.

Step 2 — Remove the RAM door



- Pull the RAM access door off the back of the iMac.

Step 3 — Unlock the RAM tray



ⓘ The RAM tray is locked into its upright position with two grey tabs.

- Use your thumbs or index fingers to unlock the tray by pushing the tabs outward, away from the RAM.
- Pull the tabs out and down, swinging the RAM tray down to a near-horizontal position.

Step 4 — Remove the RAM



- Remove a stick of RAM by grabbing it with two hands and pulling straight out of the RAM tray.
- ✦ RAM modules are keyed so that they can only be installed in the proper orientation. Note where the shorter section of contacts is when removing, and reinstalling, your RAM.
- To install a new module, insert the module into the desired slot in the tray and press it firmly in place. Push the tray back up until it locks in place.
- ⓘ The RAM access door is not symmetrical. If it is not flush on both ends, try putting it in the other way.
- Re-insert the RAM access door back into its place.

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

Repair didn't go as planned? Try some [basic troubleshooting](#), or ask our [Answers community](#) for help.