



Sony Vaio PCG-51412L RAM Card Replacement

This guide will walk you through how to replace your RAM cards.

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INTRODUCTION

If your computer is only displaying a black screen, or if it is struggling to run multiple programs, you may need to replace your RAM. This guide will walk you through how to remove your RAM cards -- the same process for either card -- requiring only a PH0 screwdriver.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)



PARTS:

- [Sony VGP - BPS21A](#) (1)
- [PC3-8500 2 GB RAM Chip](#) (1)

Step 1 — Battery



- Flip your laptop so that the bottom is facing up.

Step 2



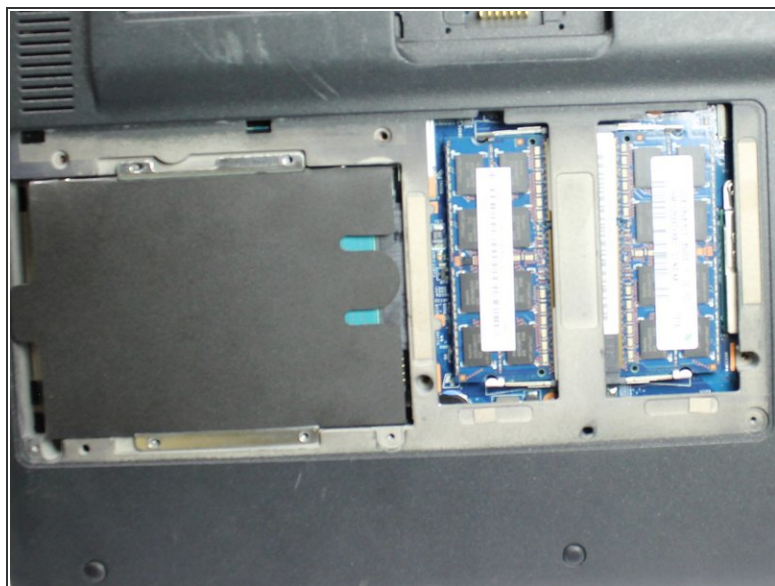
- Slide the "Lock" switch to the right.
- Slide and hold the "Release" switch to the left.

Step 3



- While holding the “Release” switch, lift the lip of the battery.
- Lift the battery up and out of the laptop.

Step 4 — RAM Card



- Use a #0PH screwdriver to unscrew the three 4.80mm screws.
- Remove the panel.

Step 5



- Pull the metal tabs in opposite directions, away from the RAM card.
- The RAM card will swing upwards.

Step 6



- Grab the RAM card from its center.
- Gently pull the RAM card out.

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