

# Memory Modules

## User Guide

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First Edition: April 2008

Document Part Number: 465242-001

## Product notice

This user guide describes features that are common to most models. Some features may not be available on your computer.



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# Adding or replacing a memory module

The computer has one memory module compartment, which is located under the keyboard. The memory capacity of the computer can be upgraded by replacing the existing memory module in the memory module slot.

- △ **WARNING!** To reduce the risk of electric shock and damage to the equipment, unplug the power cord and remove all batteries before installing a memory module.
- △ **CAUTION:** Electrostatic discharge (ESD) can damage electronic components. Before beginning any procedure, be sure that you are discharged of static electricity by touching a grounded metal object.

To add or replace a memory module:

1. Save your work.
2. Shut down the computer and close the display.

If you are not sure whether the computer is off or in Hibernation, turn the computer on by briefly sliding the power switch. Then shut down the computer through the operating system.

3. Disconnect all external devices connected to the computer.
4. Unplug the power cord from the AC outlet.
5. Turn the computer upside down on a flat surface.
6. Remove the battery from the computer.
7. Remove the 3 screws from the back edge of the computer.



8. Turn the computer display-side up, with the front toward you, and open it.

9. Lift the top edge of the keyboard up (1) and remove the keyboard from the computer (2) to expose the memory compartment.



10. If you are replacing a memory module, remove the existing memory module:

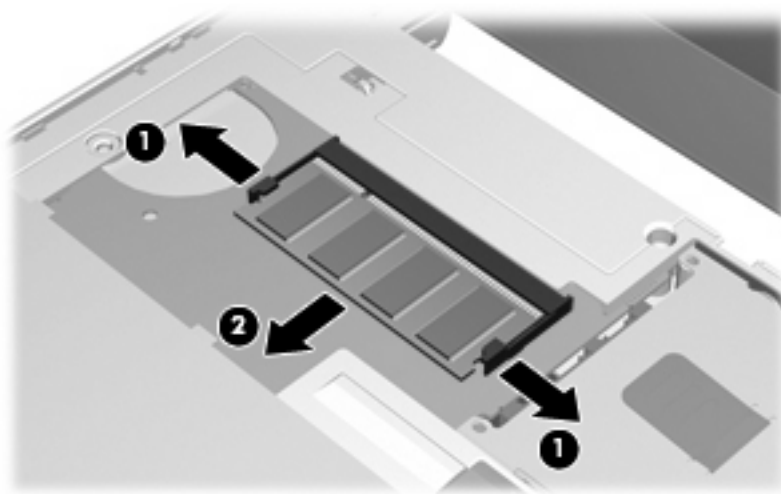
- a. Pull away the retention clips (1) on each side of the memory module.

The memory module tilts up.

△ **CAUTION:** To prevent damage to the memory module, hold the memory module by the edges only. Do not touch the components on the memory module.

- b. Grasp the edge of the memory module (2), and gently pull the module out of the memory module slot.

To protect a memory module after removal, place it in an electrostatic-safe container.



11. Insert a new memory module:

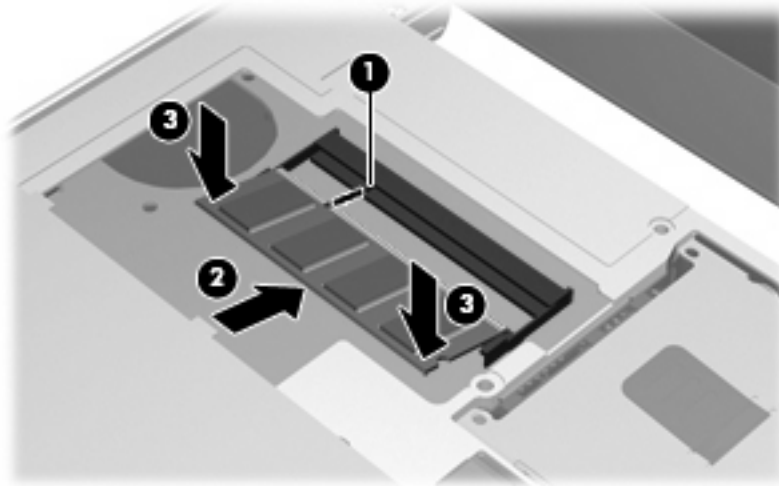


△ **CAUTION:** To prevent damage to the memory module, hold the memory module by the edges only. Do not touch the components on the memory module.

- a. Align the notched edge (1) of the memory module with the tab in the memory module slot.
- b. With the memory module at a 45-degree angle from the surface of the memory module compartment, press the module (2) into the memory module slot until it is seated.

△ **CAUTION:** To prevent damage to the memory module, do not bend the memory module.

- c. Gently press the memory module (3) down, applying pressure to both the left and right edges of the memory module, until the retention clips snap into place.



12. Insert the front of the keyboard into the keyboard tray (1), and then press the keyboard into place (2).



13. Close the computer display and turn the computer upside down on a flat surface.

14. Replace the 3 screws on the back edge of the computer.



15. Replace the battery.
16. Reconnect external power and external devices.
17. Turn on the computer.

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