

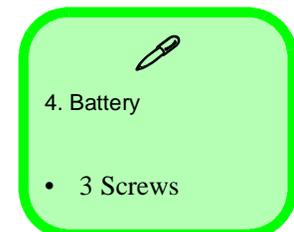
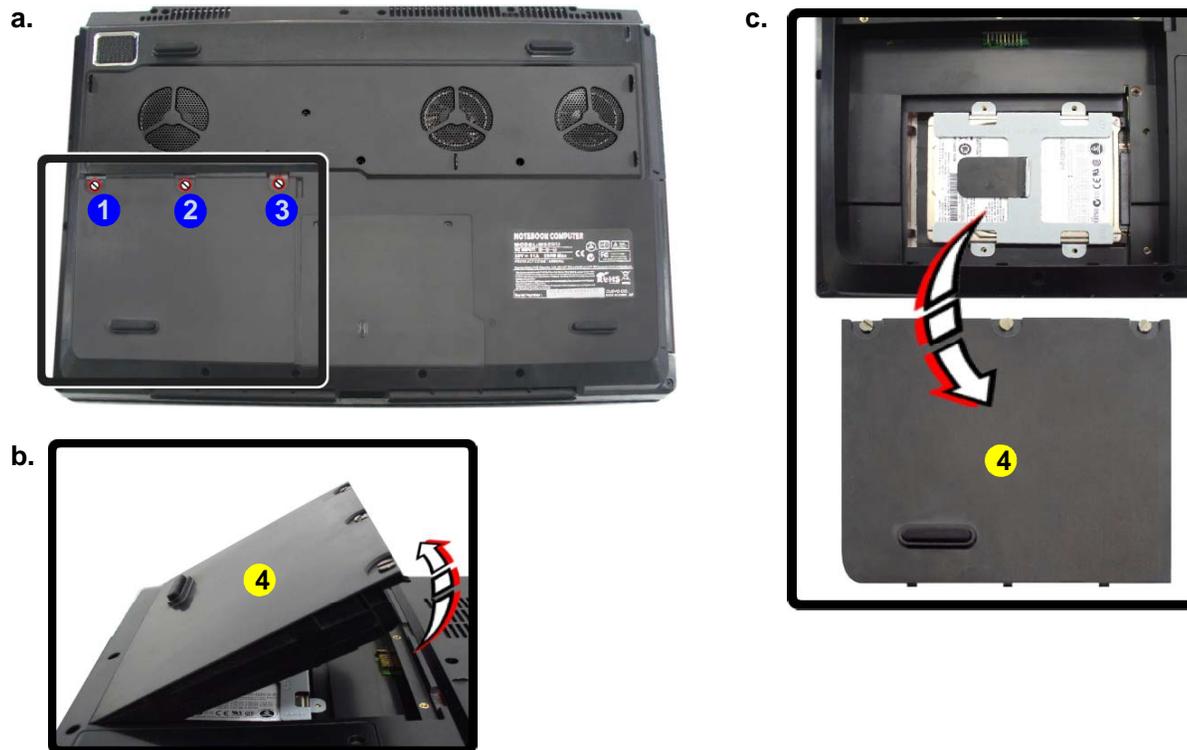
Removing the Battery

If you are confident in undertaking upgrade procedures yourself, for safety reasons it is best to remove the battery.

1. Turn the computer off, and turn it over.
2. Loosen screws ① - ③ and carefully lift the battery ④ up (*Figure b*).
3. Remove the battery from the battery bay.

Figure 1
Battery Removal

- a. Loosen screws.
- b. Release the battery.
- c. Lift the battery out of the bay as indicated.



Removing the System Memory (RAM) - 2

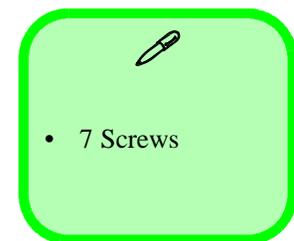
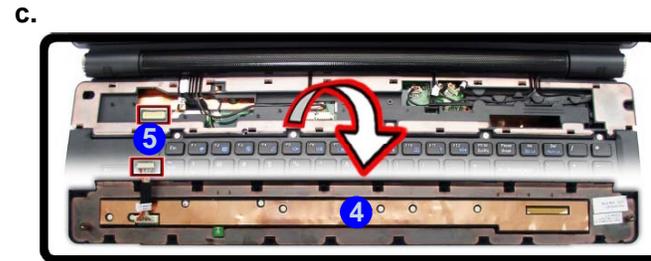
The computer has two memory sockets for 204 pin Small Outline Dual In-line Memory Modules (SO-DIMM) DDR III (DDR3) supporting 1066/1333 MHz. The main memory can be expanded up to 4GB. The SO-DIMM modules supported are 1024MB and 2048MB **DDR** Modules. The total memory size is automatically detected by the POST routine once you turn on your computer.

Memory Upgrade Process

1. Turn off the computer, and turn it over and remove the battery ([page 2 - 5](#)).
2. Remove screws **1** & **2** from the bottom of the computer.
3. Turn the computer over, open the Lid/LCD, and carefully (a cable is connected to the underside of the LED cover module) unsnap up the LED cover module from point **3** on the right.
4. Lift up the LED cover module **4** and disconnect the cable **5**.
5. Remove screws **6** - **10** from the keyboard.

Figure 7
RAM-2 Module Removal

- a. Remove the screws from the bottom of the computer.
- b. Turn the computer over, open the lid/LCD and unsnap the LED cover at point 3.
- c. Lift the LED cover module and disconnect the cable.
- d. Remove the screws from the keyboard.

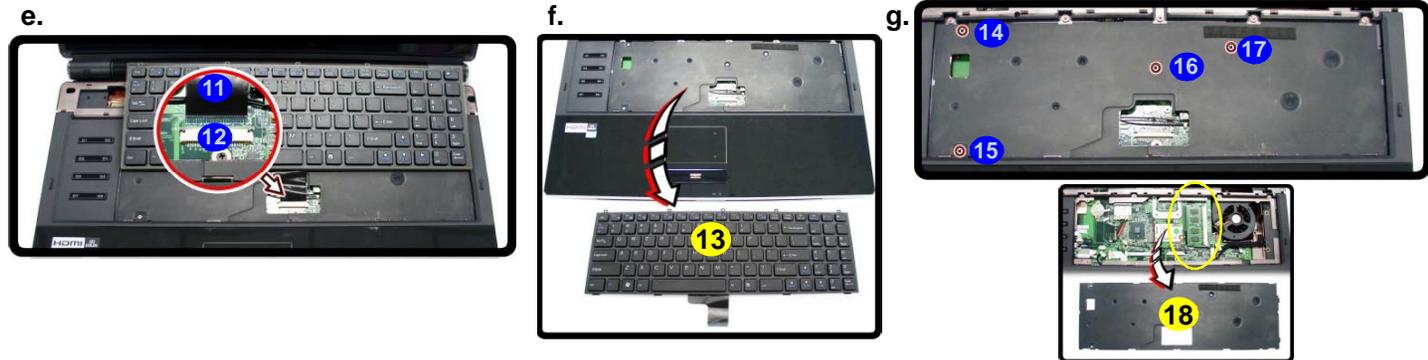


Disassembly

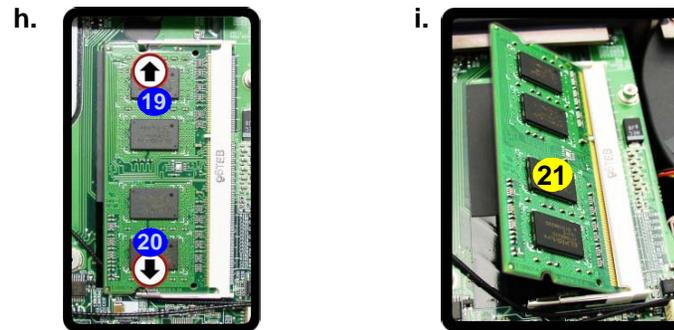
Figure 8 RAM-2 Module Removal (cont'd.)

- e. Disconnect the cable from the locking collar.
- f. Remove the keyboard.
- g. Remove screws and keyboard plate.
- g Pull the release latch(es).
- i. Remove the module(s).

6. Carefully lift the keyboard up, being careful not to bend the keyboard ribbon cable.
7. Disconnect the keyboard ribbon cable **11** from the locking collar socket **12**.
8. Remove the keyboard **13**.
9. Remove screws **14** - **17** from the keyboard shielding plate **18** and remove the keyboard shielding plate.



10. Gently pull the two **release latches 19 & 20** on the sides of the memory socket in the direction indicated by the arrows (**Figure h**).
11. The RAM module **21** will pop-up (**Figure i**), and you can then remove it.



Contact Warning

Be careful not to touch the metal pins on the module's connecting edge. Even the cleanest hands have oils which can attract particles, and degrade the module's performance.



- 13. Keyboard
- 18. Keyboard Shielding Plate
- 21. RAM Module(s)

- 4 Screws



Single Memory Module Installation

If your computer has a single memory module, then insert the module into the **Channel 0 (JDIMM1)** socket as shown in **Figure 6 g**.

12. Pull the latches to release the second module if necessary.
13. Insert a new module holding it at about a 30° angle and fit the connectors firmly into the memory slot.
14. The module's pin alignment will allow it to only fit one way. Make sure the module is seated as far into the socket as it will go. **DO NOT FORCE** the module; it should fit without much pressure.
15. Press the module in and down towards the mainboard until the slot levers click into place to secure the module.

Figure 9
**RAM-2 Module
Removal (cont'd.)**

- j. Snap down the LED cover at point 22 & 23.
- k. Push the LED cover on the left side at point 24 and the slide toward the right to secure it in place.

- 16. Replace the shielding plate, keyboard and screws (make sure to reconnect the keyboard cable).
- 17. Snap the LED cover module down at the top fo the module at point 22 & 23.



- 18. Push the LED cover module down on the left side at point 24, and then slide the module to the right (as illustrated) and snap down to secure it in place.



- 19. Replace the screws on the bottom of the computer ().
- 20. Restart the computer to allow the BIOS to register the new memory configuration as it starts up.