Chapter 5

Upgrade & Replacement

Follow the individual procedures in this chapter to perform the notebook's upgrade and replacement of various major components.

Asus M6000 Series Notebook is not an all-in-one product. The key upgradeable and replaceable items include the Memory module, HDD module, Optical Drive module, CPU Module

Be sure to follow the safety instructions described in Chapter 2 to safeguard the notebook against any potential damages. For any other components not covered in this chapter which you need to replace, please refer to Chapters 3 and 4 for detailed disassembly and assembly and perform necessary procedures accordingly.

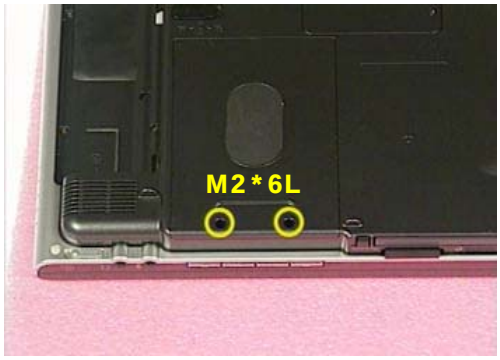
This chapter includes the following items:

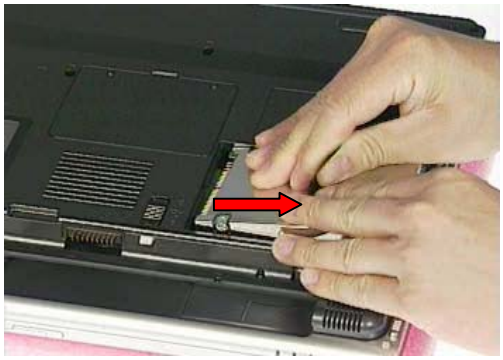
Upgrade and Replacement for HDD Moudle

The M6000 series Notebook uses an industry-standard 2½ HDD with IDE interface. You can replace the HDD to any capacity of your choice within our approval and prior test

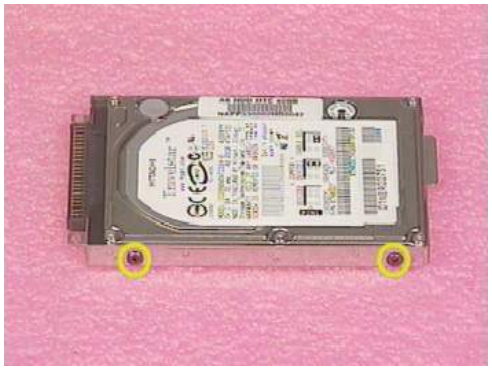
First, remove AC-power and battery

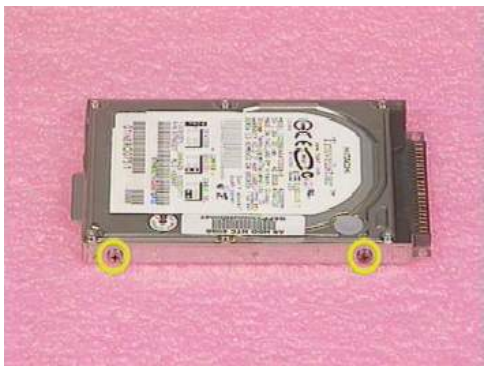
1. Remove 2 screws (M2*6L(K)) and take the hard disk cover off. Hold the arrow and pull out the HDD module then take it away.





2. Remove 2 screw (M2*4L(K)) on both sides

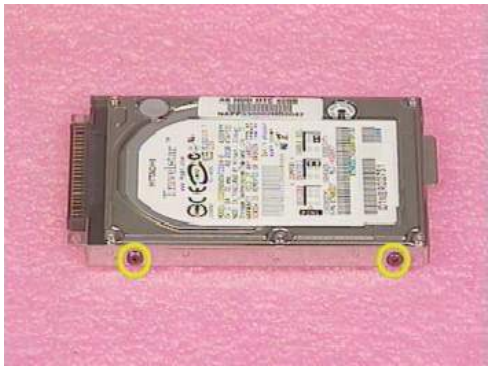


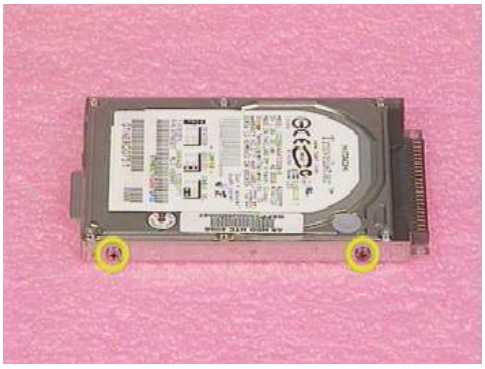


3. Separate hard disk from the housing

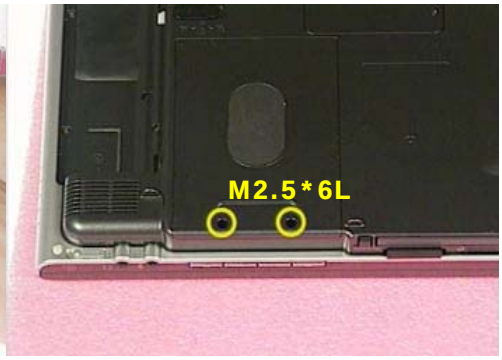
4. Replace the new Hard-Disk onto the HDD Housing.

5. Secure 2 screws (M2*4L) on both sides





6. Insert the hard disk moudule into its compartment and lay it down gently then put on the hard disk cover. And secure 2 screws (M2*6L(K)).



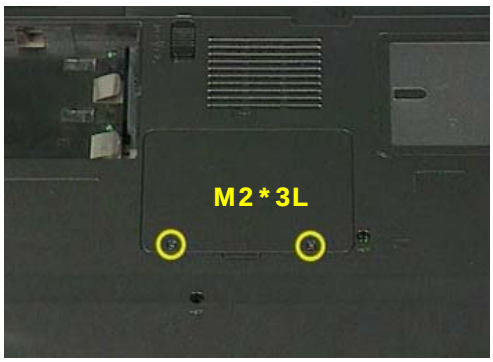
Upgrade and Replacement for Memory Module

The M6000 Series Notebook do not have onboard RAM. There are two SO-DIMM sockets for installing SO-DIMM RAM. It can upgrade the total memory size up to 1GB with a 512MB module on each socket.

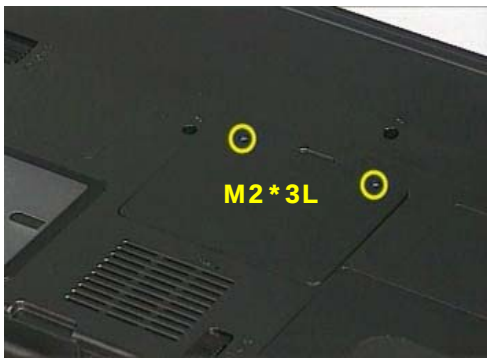
First, remove AC-power and battery.

Upgrading Second Memory Module

1. Remove 2 screws (M2*3L(K)) and take the memory DIMM cover away.



2. Insert the new memory module to DIMM socket at 45 degrees angle and push it down to lock it up. Put on the memory DIMM cover and secure 2 screws (M2*3L(K)) to fix it.

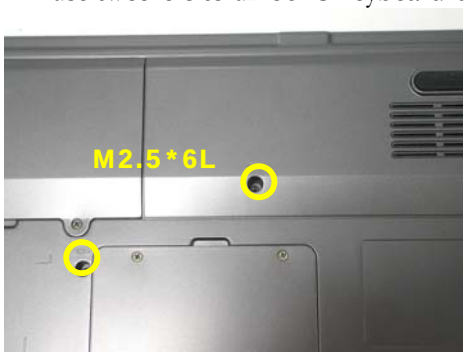


FIRST MEMORY MODULE

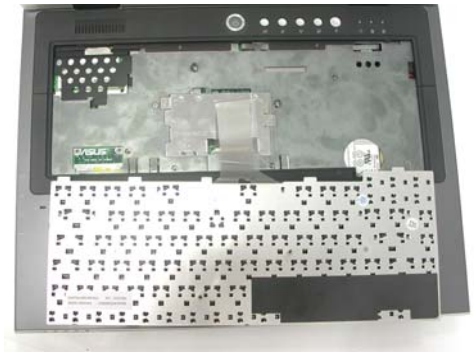
First, remove AC-power and battery.

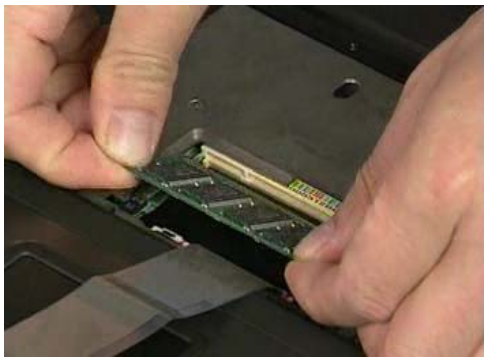
Upgrading First Memory Module

1. Remove 2 screws (M2.5*6L(K)) at bottom side then turn back the notebook and use tweezers to unlock 3 keyboard latches.

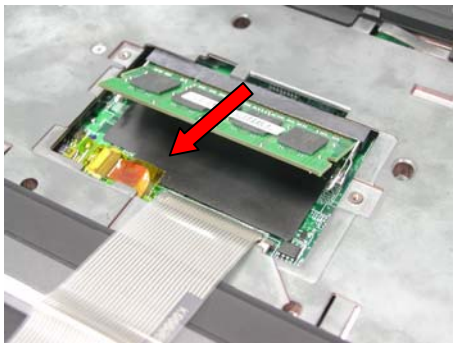


2. Pull out the keyboard module and then lay on the top case..

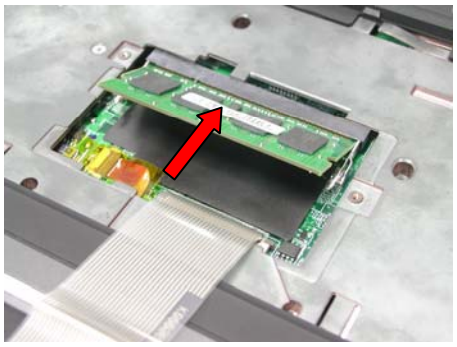




3. Remove 2 screws (M2.5*6L(K)) and take away the DIMM cover then open the two latches to pop up memory module 45 degrees angle and push it down to lock it up.



4. Insert the new memory module to DIMM 45 degrees angle and push it down to lock it up. Install the DIMM cover and secure 2 screws (M2.5*6L(K)) to fix it.



5. Install the keyboard module onto top case and turn over the NB then secure 2 screws (M2.5*6L(K)) at bottom side to fix it.

CPU MODULE

CPU REMOVAL

Upgrade and Replacement for CPU Module

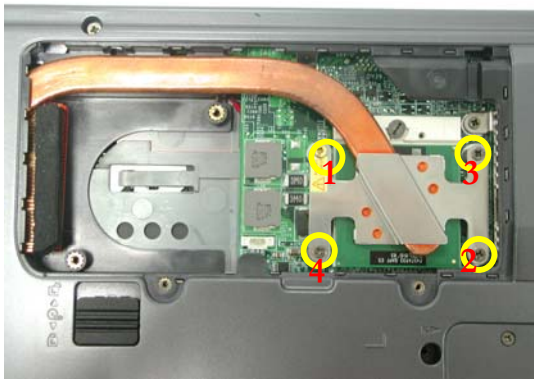
The M6000 Series Notebook comes standard with a Intel®'s µFC-PGA Socket on the motherboard, which means it can support all µFC-PGA CPUs up to 1.7 GHz.

First, remove AC-power and battery.

1. Remove 2 screws (M2*3L(K)) at bottom side then take away the CPU cover away.

2. Remove 2 screws (M2.5*6L(K)) and disconnect the FAN cable then take away the Fan module.

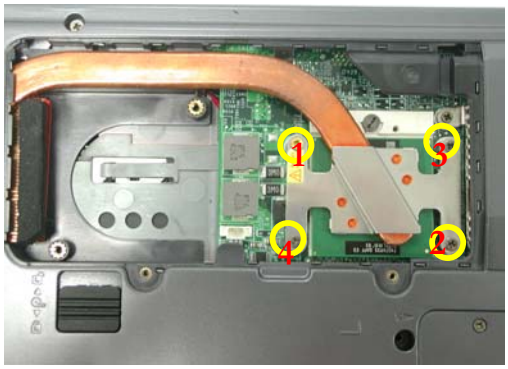
3. Remove 4 screws (M2*6L(K)) at heat sink then take it away.



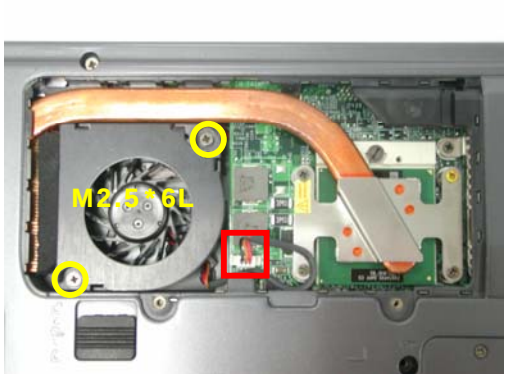
4. Open the CPU Socket's latch to loosen the CPU.(The use the CPU vacuum hand pump to "suck up" the CPU and lift the CPU away.)

5. Insert the new CPU onto the socket then close the CPU Socket's latch to fix it.

6. Secure 4 screws (M2*6L(K)) to fix it and stick the warranty seal label on the screw.



7. Put the FAN module and secure 2 screws (M2.5*6L(K)) and connect the fan cable.



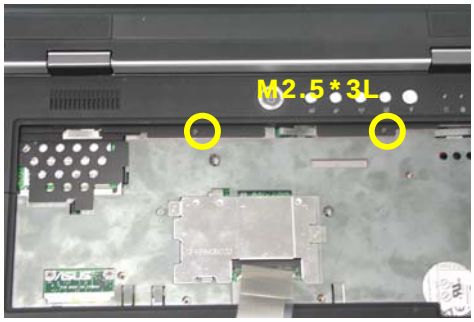
8. Install the CPU cover then secure 2 screws (M2*3L(K)) to fix it.

Upgrade and Replacement for Mini-PCI Adapter

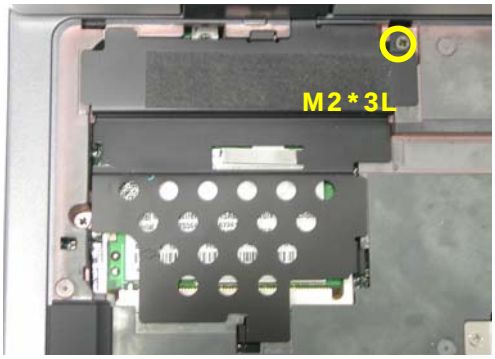
First, remove AC-power and battery.

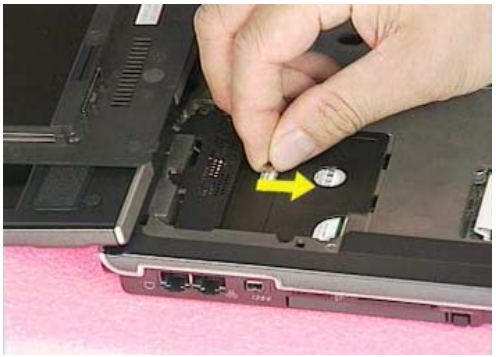
1. Remove 2 screws (M2.5*6L(K)) at bottom side then turn back the notebook and use tweezers to unlock 3 keyboard latches and pull out the keyboard module and then lay on the top case.

3. Remove 2 screws (M2*3L(K)) at keyboard cover and use tweezers to lift up the keyboard cover's two nooks.



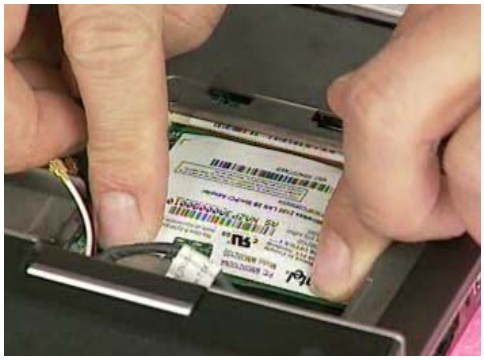
4. Remove 1 screw (M2*3L(K)) at mini-PCI cover and take it off



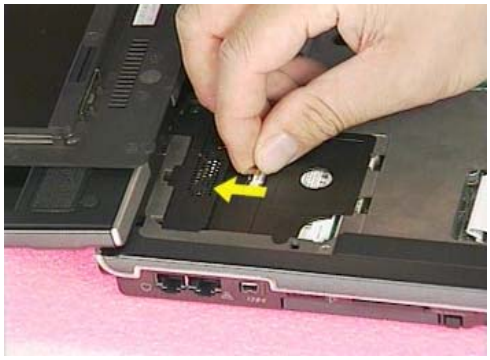
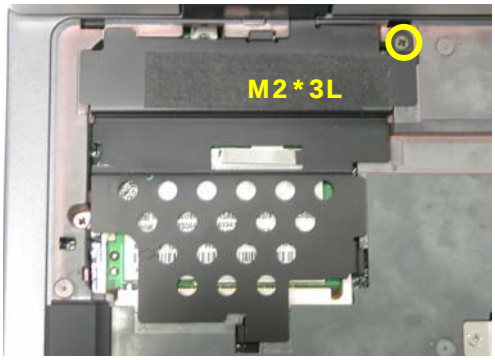


5. Disconnect the two antenna cables then open the two latches to pop up wireless WLAN module 45 degrees angle and push it down to lock it up.

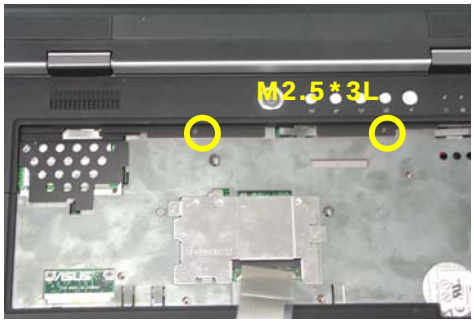

6. Insert the new wireless LAN module to mini-PCI socket at 45 degrees angle and push it down to lock it up and connect the 2 antenna cables.




7. Put on the mini-PCI cover and secure 1 screw (M2*3L(K)) to fix it.

8. Install the keyboard cover then secure 2 screws (M2*3L(K)) to fix it.



9. Install the keyboard module onto top case and secure 2 screws (M2.5*6L(K)) at bottom side then fix it.