Chapter

5

Upgrade & Replacement

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

Asus M5200 A Series Notebook is an two spindle product, which means there are less options for you to upgrade to. The key upgradeable and replaceable items include the CPU module, memory module, HDD.

In order to avoid redundancy, please refer to chapters 3 and 4 of this manual for repeated and reused disassembly and assembly procedures, such as keyboard & heat sink replacement, which is used by several different procedures in this chapter. **Be sure to follow the safety instructions described in Chapter 3 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:

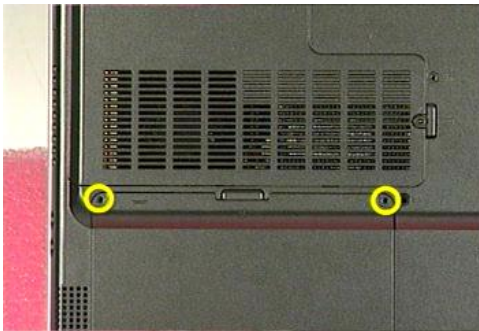- HDD Upgrade
- Memory Upgrade
- CPU Upgrade

HDD Upgrade

The M5200A 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.

Replacing HDD

1. Turn the notebook over and remove battery pack first.
2. Remove 2 screws on the bottom.
3. Pull the HDD module out of the system.
4. Install a new HDD module.

5. Secure 2 screws on the bottom to affix the HDD module.

Memory Upgrade

The M5200A Series Notebook comes standard with 256MB of RAM onboard. There is one expansion SODIMM socket for you to upgrade the total memory up to 768 MB with a 512MB module.

Upgrading memory

1. If there is an existing memory, remove 2 screws (M2x3L (K)) from SODIMM first, and then gently pulling out the module vertically.

2. Install the new memory module into DIMM socket vertically.

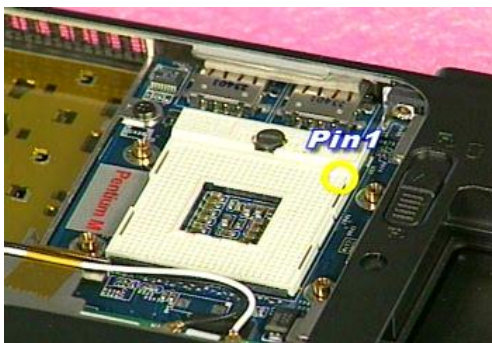3. Secure 2 screws to lock uDIMM. (M2x3L (K))
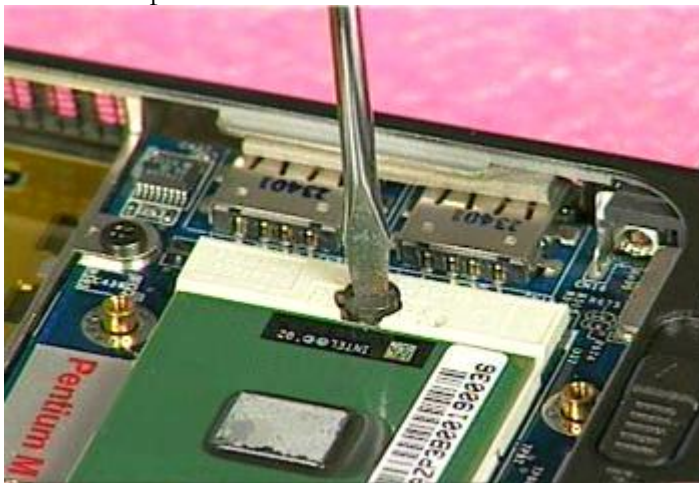
CPU Upgrade

The M5200 A Series Notebook comes standard with an Intel's µFC-PGA Socket on the motherboard.

1. Use the CPU vacuum to "suck up" the CPU then install CPU onto the socket, make the triangle sign on the CPU match the socket triangle sign.

2. Turn the non-removable screw here 180 degrees clockwise to fix the CPU and stick thermal pad on the CPU die

3. Place the CPU fan in the proper location then secure 4 screws (M2*4L(K)) and

connect FAN Wire connector then place cable properly and use tape to fix it