

Notebook PC Service Manual

Model: N34AS1

Chapter 5 Installation Guidelines

A. CPU, Memory & HDD Installation

NOTE: For precautionary measures, please disconnect the AC adapter and remove the battery from the battery compartment while doing the installation procedure of the CPU, Memory & HDD installing the CPU.

1. CPU INSTALLATION GUIDE



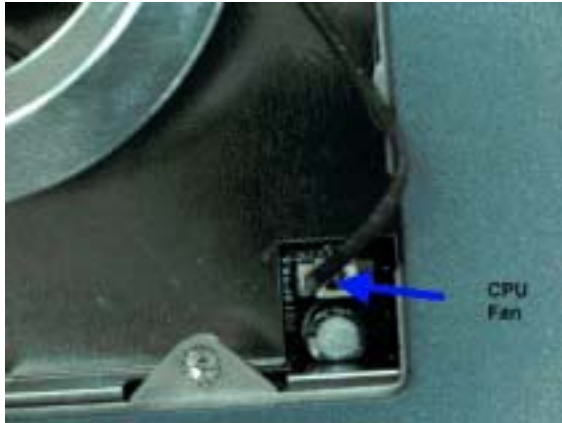
1. Remove two (2) screws of the CPU Cover.



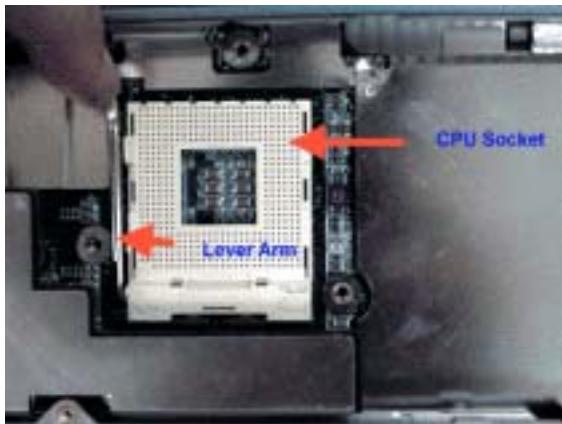
2. Unfasten three (3) screws of CPU Heat Sink Fan Assembly.



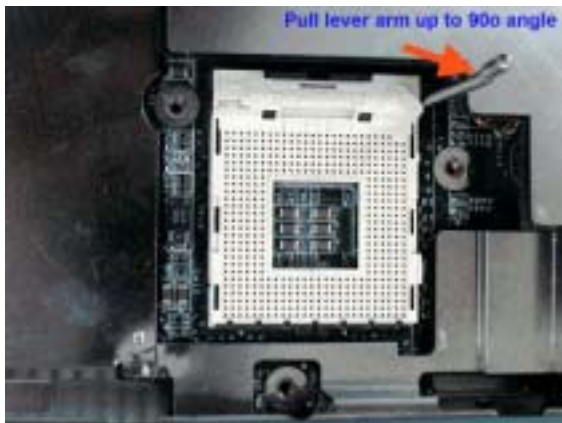
3. Before removing the CPU heat sink fan assembly, using a tool, gently lift the heat sink as indicated by the arrow in the photo to separate the heat sink thermal pad and the CPU



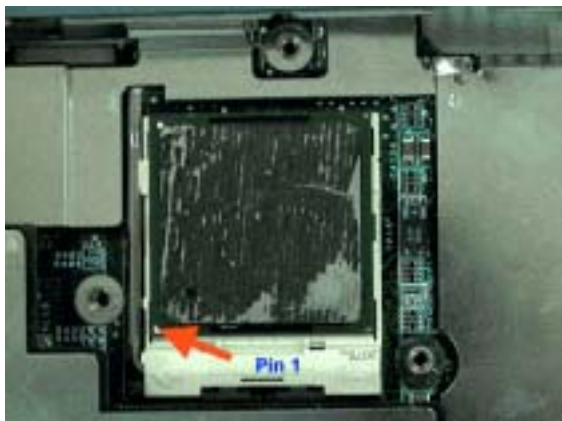
4. Disconnect the CPU Fan Cable.



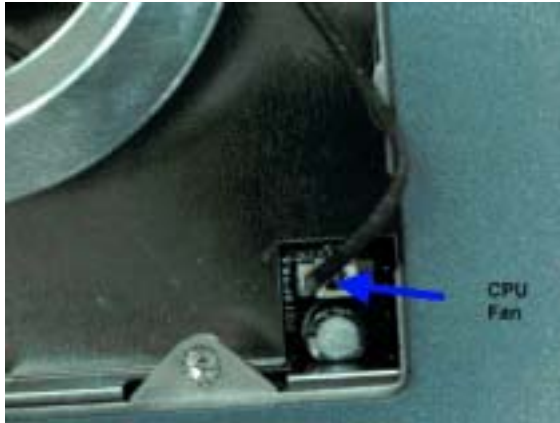
5. Gently press down the CPU socket lever arm and move outward to release the lock.



6. Pull up the lever arm to 90° angle to make sure that the CPU socket is in unlock position.



7. Align the pin 1 of CPU with pin 1 of CPU socket and install the CPU into the CPU socket by gently pressing down the CPU.



8. Install back the CPU fan cable.



9. Fasten the three (3) screws of the CPU fan assembly.



9. Fasten two (2) screws of the CPU cover.

IMPORTANT NOTE :

The CPU thermal pad of the CPU fan heat sink (black color) is one time use only. Meaning that if you remove the CPU heat sink from the CPU, you must REPLACE the CPU thermal pad with a new thermal pad (black color). Clean any residue on the CPU and the CPU heat sink assembly before putting the new CPU thermal pad. Otherwise, there might be an overheat problem on the CPU.

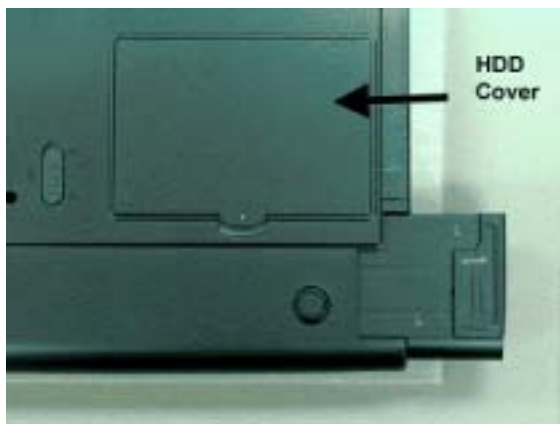
HDD Module Installation



1. Fasten four (4) screws of HDD module.



2. Install the HDD cable to the HDD connector. Pin 1 (with red color) of HDD cable must be in the correct position.



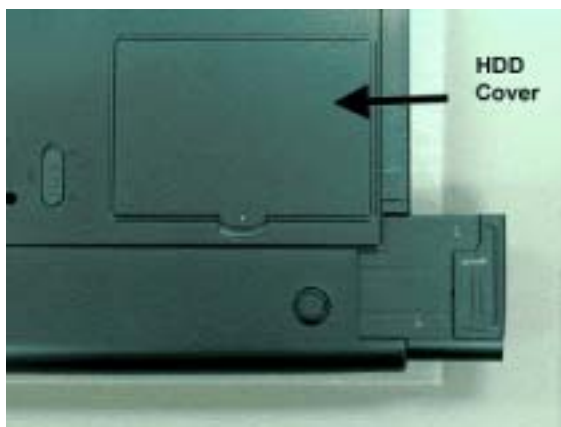
3. Unfasten one (1) screw of the HDD cover.



4. Connect HDD cable to the HDD cable connector of the MB.



5. Fasten two (2) screws of the HDD module assembly into the HDD module compartment.



6. Fasten one (1) screw of the HDD cover.

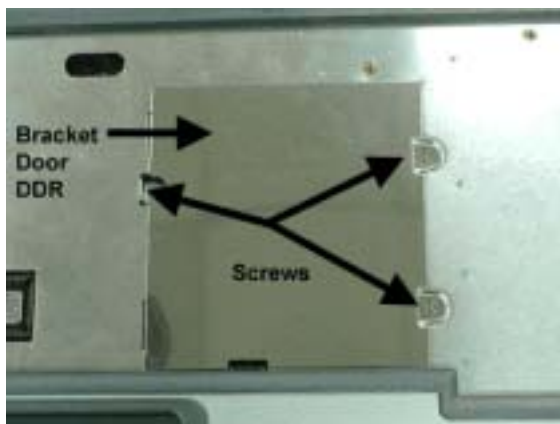
Memory Module Installation



1. Unlock the three (3) latches of the KB by gently pressing the latch.



2. Disconnect the KB cable from the KB connector of the MB.



3. Unfasten three (3) screws of the Bracket Door DDR.



4. Install the DDR memory modules into the memory sockets as shown.

Procedure to Update System BIOS and Keyboard BIOS

NOTE

This utility can only run under real mode and not under the protected mode. To make sure that the system is under real mode, boot from drive A to install this utility.

Make sure you are using AC power when updating bios.

The F82735.EXE utility is used to upgrade the BIOS without having to change the hardware.

A. Updating Bios

Make sure the AC adapter is connected to your notebook before you run this utility.

1. Please make a clean Boot Disk which has no config.sys and autoexec.bat files.
2. Boot from Floppy, which guides you to MS-DOS prompt. Please make sure the diskette has the following files :
f82735.exe and XXXX.rom (Bios Filename)
3. Type
A:\F82735 [BIOS filename], press Enter.
4. After updating the bios, please go to BIOS setup and load DEFAULT setting.

The system reboots automatically after installation is complete.

Note:

After updating BIOS, you must go to BIOS Setup and Load Default Settings.

B. Updating Key Board Bios :

Make sure the AC adapter is connected to your notebook before you run this utility.

1. Please make a clean Boot Disk which has no config.sys and autoexec.bat files.
2. Boot from Floppy, which guides you to MS-DOS prompt. Please make sure the diskette has the following files :
ecf080.exe and XXXX.bin(Bios Filename)
3. Type
A:\ecf080 XXXX.bin(Bios Filename) /a , press Enter.

Please reboot the system after updating the Key Board Bios.