

8640 Configuration Guide

This Configuration Guide provides information on installing/replacing the field-installable parts.

NOTE: Before you start to install/replace these modules, make sure the notebook is not turned on or connected to AC power.

■ Installing the CPU

1. Insert a small rod, such as a straightened paper clip, into the eject hole near the power connector of the notebook.



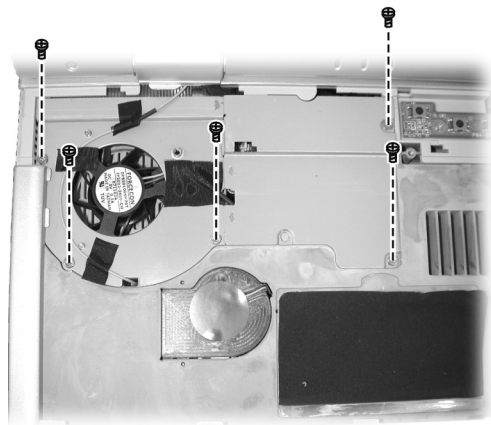
2. Push the rod firmly and slide the LED panel to the left (❶). Lift up the LED panel from the left side (❷).



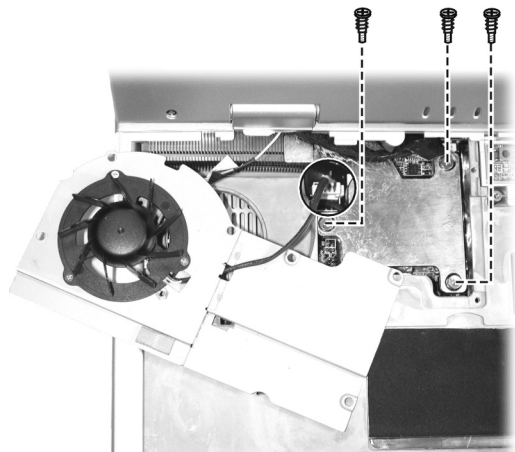
3. Remove three screws locking the keyboard, then slightly lift up the keyboard to access the CPU compartment.



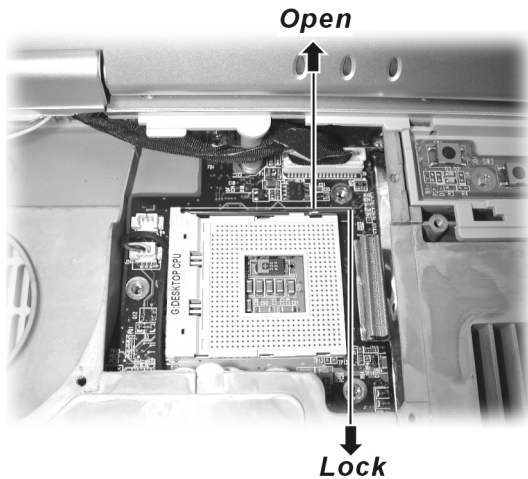
4. Remove five screws locking the heatsink cover.



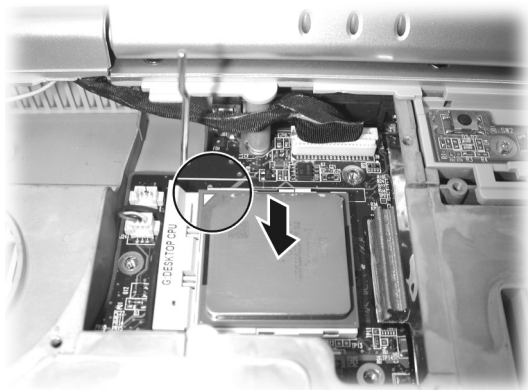
5. Disconnect the fan's power cord from the system board and remove three screws locking the CPU compartment cover.



6. Use the flat screwdriver to push the lever toward the rear side of the computer. Then lift up the lever to the vertical position.



7. Align the arrowhead corner of the CPU with the beveled corner of the socket, as shown below, and insert the CPU pins into the holes.



CAUTION: Make sure that the CPU's position is properly fit to the socket. **NEVER** use force to insert the CPU into the socket. Otherwise, the pins on CPU may be bent and damaged.

8. Place the lever back to the horizontal position. Use the flat screwdriver to push the lever toward the front side of the computer until you hear a clicking sound.

CAUTION: The maximum force for inserting/extracting the CPU should not exceed 100 lbs (45.5 kg). Otherwise, the circuit inside the CPU board may be damaged.

9. Replace the CPU compartment cover and secure with three screws.

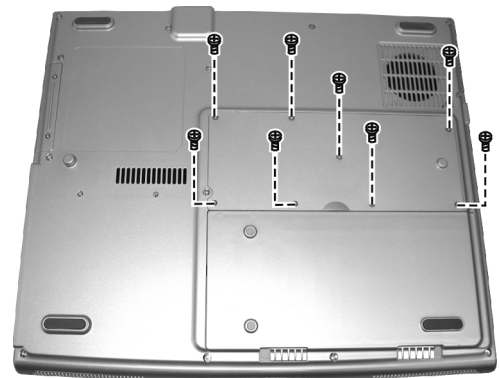
10. Connect the fan's power cord to the system board. Then replace the heatsink cover onto the top of the CPU and secure with five screws. If necessary, fix the antenna on the heatsink cover with the tape.

NOTE: Make sure that the thermal pad under the fan is not damaged. If it is damaged, you have to replace it with a new thermal pad.

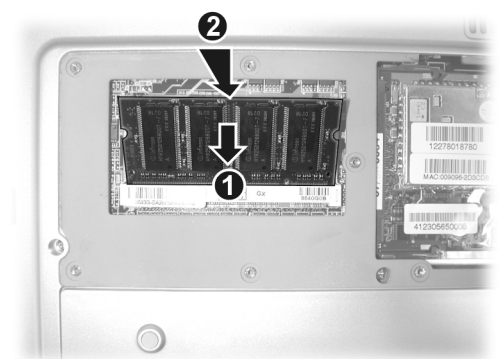
11. Replace the keyboard and secure with three screws. Then replace the LED panel.

■ Expanding Memory

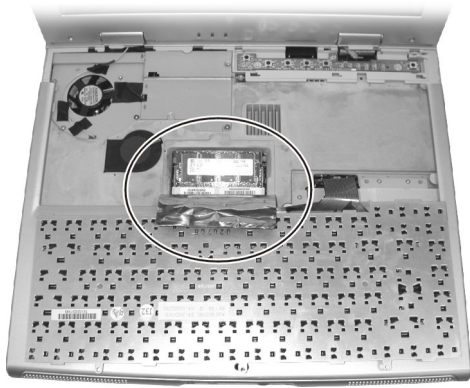
1. Carefully put the notebook upside down.
2. There are two SO-DIMM sockets on the computer. One of the SO-DIMM sockets is located on the bottom of the computer. Remove eight screws and the socket cover to access the socket.





3. The SO-DIMM socket is on the left. To install the SO-DIMM, match the SO-DIMM's notched part with the socket's projected part and firmly insert the SO-DIMM into the socket at 20-degree angle (①). Then push down until the retaining clips lock the SO-DIMM into position (②).

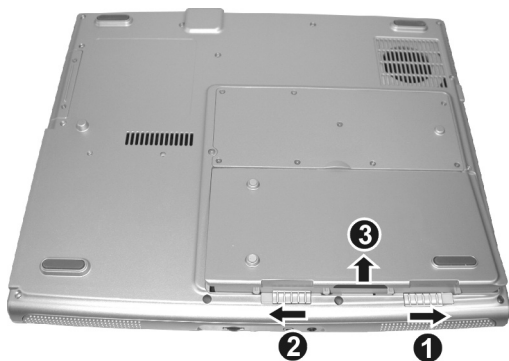



4. The other SO-DIMM socket is located underneath the keyboard. (See steps 1~3 of the “Installing the CPU” section for information on how to remove the keyboard.) Install the SO-DIMM as described in step 3 of this section.



■ Replacing the Battery Pack

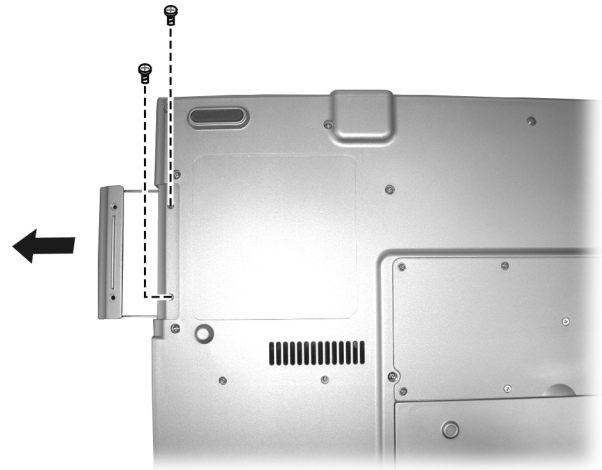
1. Carefully put the notebook upside down.
2. Slide the battery security lock to the right to the unlock () position (**1**).
3. Slide the battery release lever to the left to the unlock () position (**2**), and the battery pack will pop up slightly.
4. Lift up the battery pack from the opening and take it off the computer (**3**).



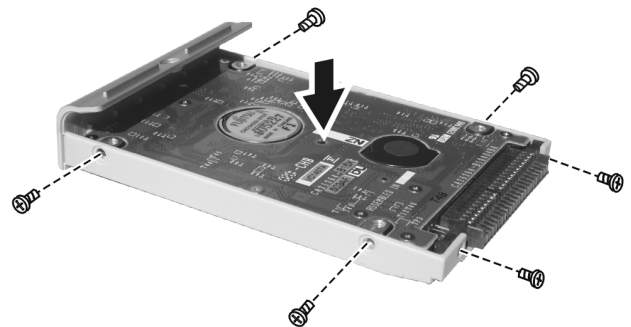
5. Fit another battery pack into place and slide the battery security lock to the lock () position.

■ Installing the HDD Module

1. Carefully put the notebook upside down.
2. Remove two screws and pull the HDD module out of the compartment.



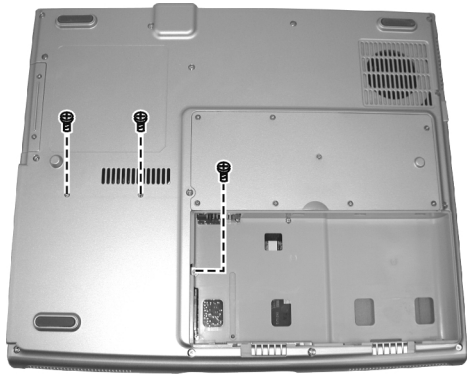
3. To install a hard disk drive, place it in the metal shield and tighten the six screws.



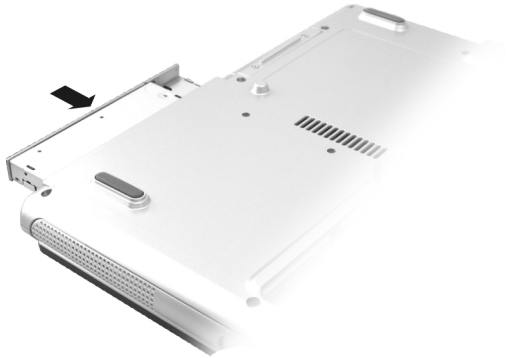
4. Slide the HDD module into the compartment and secure with two screws.

■ Installing the CD/DVD-ROM Drive

1. Carefully put the notebook upside down.
2. Remove the battery pack as described in the “Replacing the Battery Pack” section.
3. Remove one screw locking the CD/DVD-ROM drive inside the battery pack compartment. Remove two screws locking the CD/DVD-ROM drive on the bottom of the computer.



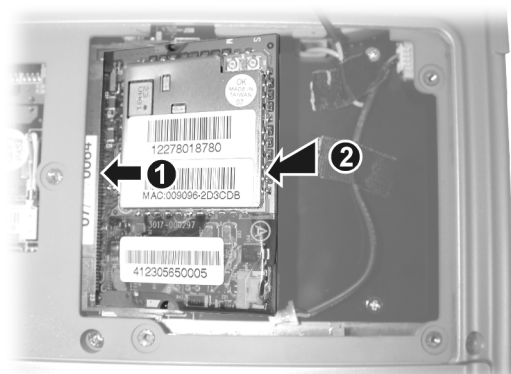
4. To install a new CD/DVD-ROM drive, slide the CD/DVD-ROM drive into the compartment until you hear a clicking sound, and the connector on the system board will automatically plug into the rear side of the drive.



5. Secure the CD/DVD-ROM drive with three screws (two on the bottom of the computer and one inside the battery pack compartment).
6. Replace the battery pack.

■ Installing the Mini PCI Card

1. Carefully put the notebook upside down.
2. Remove eight screws to access the Mini PCI socket. (See step 2 in the “Expanding Memory” section.)
3. To install the Mini PCI card, match the notched part of the Mini PCI card with the socket’s projected part, and firmly insert the Mini PCI card into the socket at 20-degree angle. Then push down until the retaining clips lock the Mini PCI card into position.



4. Connect the antenna to the A1 (Master) antenna connector on the Mini PCI card.



5. Replace the socket cover and secure with eight screws.