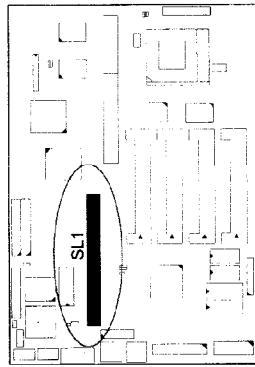## 4). Install Expansion Cards

This section describes how to connect an add-on card to one of your system's expansion slots. Add-on cards are printed circuit boards that, when connected to the mainboard, increase the capabilities of your system. For example, add-on cards can provide video and sound capabilities.

To install an add-on card, do the following:

1. Insert the target add-on card on the riser card.
2. Locate the slot of the riser card on the mainboard.

SL1

3. Remove the chassis cover and select an empty expansion slot.

4. Remove the corresponding slot cover from the chassis. Unscrew the mounting screw that secures the slot cover and pull the slot cover out from the chassis, Keep the slot cover mounting screw nearby.

5. Holding the edge of the riser card, carefully align the edge connector with the riser card expansion slot.

6. Push the riser card firmly into the riser slot. Push down on one end of the add-on card, then the other. Use this "rocking" motion until the add-in card is firmly seated inside the slot.

7. Secure the board with the mounting screw removed in Step 4. Make sure that the card has been placed evenly and completely into the expansion slot.
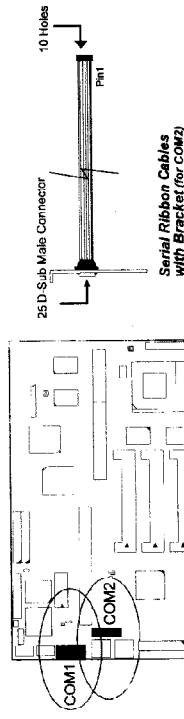
5). Connect Cables and Power Supply

Connectors (In Alphabetical Order)

Connectors allow the mainboard to link electronically with other parts of the system. Some malfunction problems encountered may be caused by loose or improper connections. Ensure that all connections are in place and firmly attached.
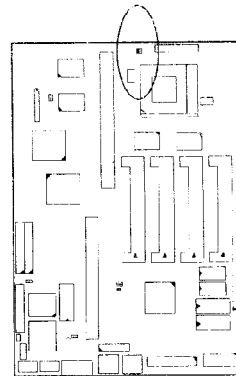
Serial Port Connector: COM1 and COM2

The COM1 is a 9 D-Sub male connector that allows you to connect with your device that takes serial ports, such as a a modem. The COM2 serial connector is an onboard 10-pin male connector on the PAC-2003 mainboard can also be used as another IR Port. Usually, your serial mouse is attached to COM1. Your modem is linked to COM2. When you do not use the modem, you can set the BIOS to let COM2 be an IR port to save a dedicated SIR port.

25 D-Sub Male Connector   10 Holes

Pin1

*Serial Ribbon Cables
with Bracket (for COM2)*

COM1   COM2

CPU Fan Connector: FAN

This 3-pin male connector is linked to the CPU fan.

+ 12V

GND   GND