

**MS-5201**

# Chassis Installation Guide

VERSION 1.0  
1997/08/13 ROC



## Copyright Notice

The material in this document is the intellectual property of **MICRO-STAR INTERNATIONAL**. We take every care in the preparation of this document, but no guarantee is given as to the correctness of its contents. Our products are under continual improvement and we reserve the right to make changes without notice.

## Trademarks

PS/2 is a registered trademark of IBM Corporation.

Other brands and trademarks used in this manual are the sole property of their respective owners.

---

## Table of Contents

### MS-5201 Chassis Installation Guide

1. Overview .....	1-1
2. Installation tools .....	1-1
3. Installation procedure .....	1-2
4. How to Upgrade CPU .....	1-11

## **MS-5201 Chassis Installation Guide**

### **1. Overview**

The MS-5201 is a specially design chassis for MS-5150 mainboard. The chassis can accomodate one Floppy drive, Hard drive, and CD-ROM. It also provide one security lock , for protecting system. The chassis back panel support one VGA, Network(UTP), Speaker, Line-in, Mic, LPT, PS/2® mouse and keyboard, Dual USB Port.

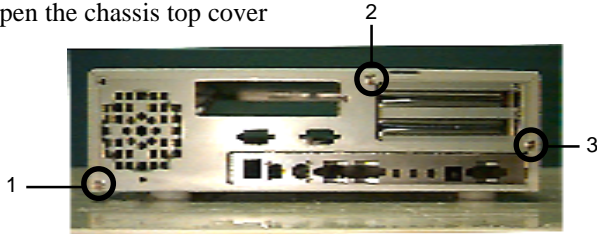
### **2. Installation Tools**

Tools you need before you start:

- screw driver (phillips cross head type)
- long nose plier
- anti-static wrist strap or glove
- user' s guide.

### 3. Installation Procedure

**Step 1:** Open the chassis top cover



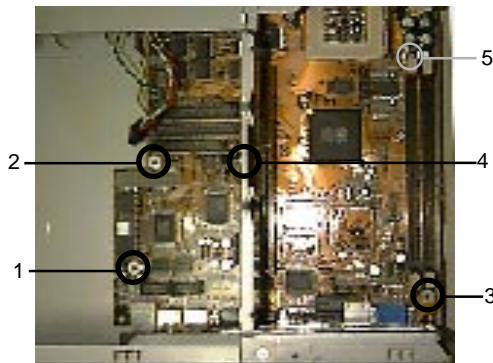
Unscrew these three screws, at the back of the chassis. Then pull the top cover toward yourself.

**Note:** If there's a power supply inside the chassis, you need to remove it first.

**Step 2:** Stick four rubber stand at the bottom of the chassis.

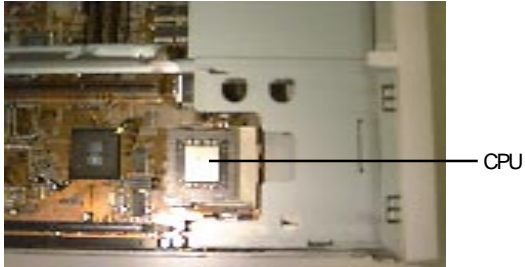
**Step 3:** Mainboard

Slide the MS-5150 mainboard into the chassis from the right. Check for a perfect fit by pushing it toward the chassis' back panel. Secure the mainboard with screws.

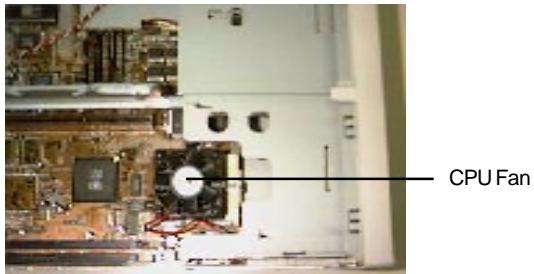


For the 5<sup>th</sup> mounting hole, add a non-conducting washer above and another one below the board before adding a screw.

**Step 4:** Install CPU



**Step 5:** Install CPU Fan

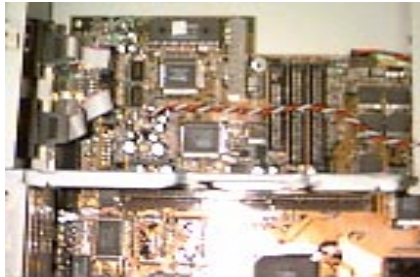


**Step 6:** Insert DIMM Module.

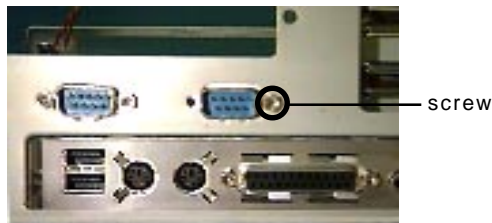


If you have only 1 DIMM module, insert it into the first DIMM slot.

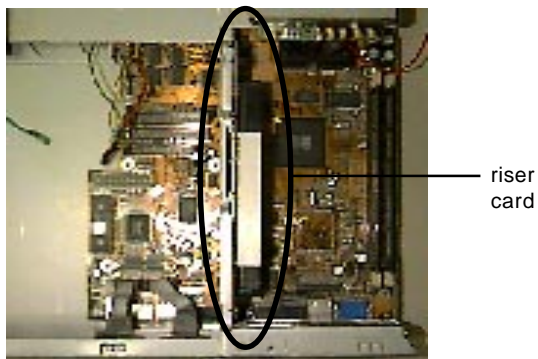
**Step 7:** Plug-in the cables for COM A and COM B and the CD-ROM audio cable.

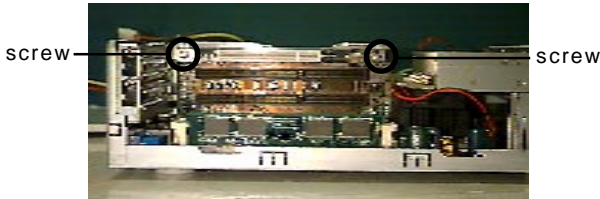


Use a long nose plier to screw the COM port connectors on the back panel.



**Step 8:** Insert the MS-5296 in the riser card slot in the middle of the mainboard.

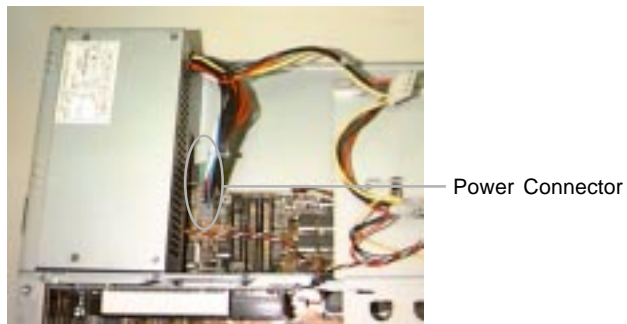




Secure the MS-5296 riser card into the Chassis with screws.

### Step 9: Power Supply

Put back the power supply and plug-in the power connector onto the mainboard.



Secure the power supply into the chassis with 3 screws indicated below.

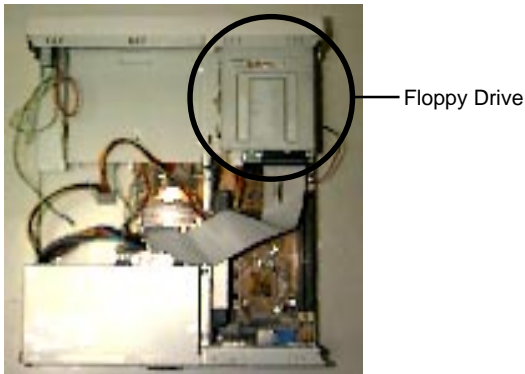




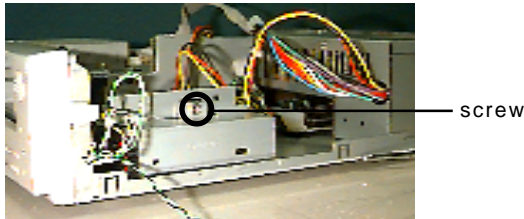
**Step 10:** Plug in the case connector into the mainboard.  
(refer to MS-5150 user's guide)

**Step 11:** 3.5" Floppy Drive

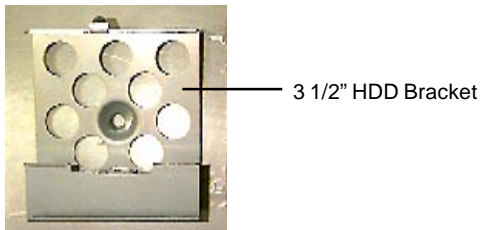
- Insert the floppy drive into the floppy drive bracket from the front panel.
- Secure the floppy drive into the bracket with 4 screws -- 2 on each side.
- Connect the 34-pin floppy cable from the floppy drive into the mainboard FDD port. Pin 1 is indicated by red line on the cable.
- Insert the 4-pin power connector from the power supply into the floppy drive power socket.



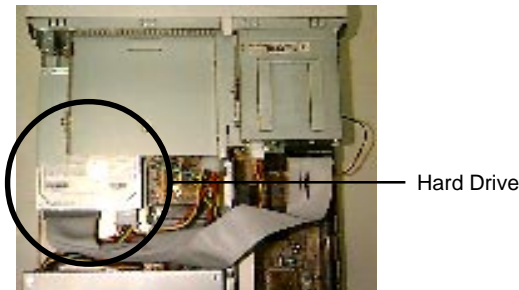
### Step 12: Hard Drive



Remove the 3 1/2" HDD Bracket by removing the above screw.

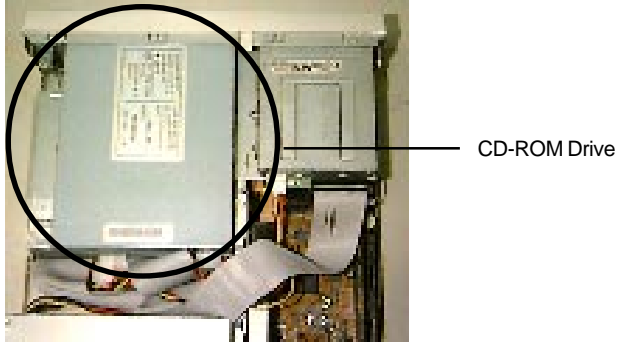


Secure the hard disk into the 3 1/2" HDD Bracket with 4 screws -- 2 on each side.



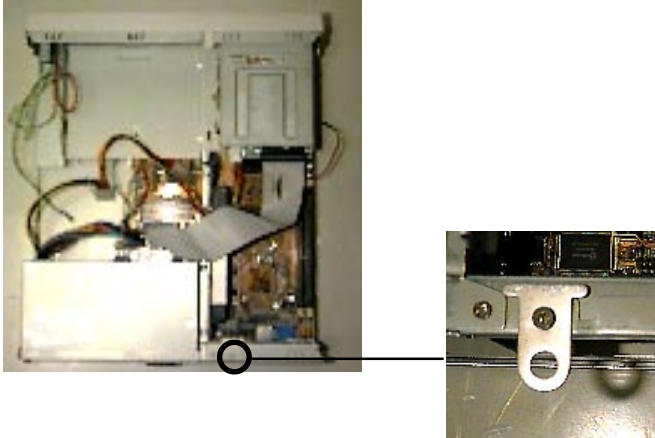
- Secure the 3 1/2" HDD Bracket into the chassis with screw.
- Connect the 40-pin IDE cable from the hard drive into the mainboard's primary IDE connector. Pin 1 is indicated by red mark on the cable.
- Insert the 4-pin power connector from the power supply into the hard drive power socket.

**Step 13: CD-ROM Drive**



- Secure the CD-ROM into the proper bracket with 2 screws on each side.
- Connect the 40-pin IDE cable from the CD-ROM drive into the mainboard secondary IDE connector. Pin 1 is indicated by red wire on the cable.
- Connect the CD-ROM audio cable from the mainboard into the CD-ROM audio socket.
- Insert the 4-pin power connector from the power supply into the CD-ROM power socket.

**Step 14:** Install the optional Case Lock.



Secure the optional case lock into the chassis.

**Step 15:** Close the Case.



- There are three keylock on the side of the case, so you need to slide the chassis cover.
- Secure the chassis cover with screws.



The installation is now completed.

## 4. How to Upgrade CPU

**Step 1:** Unscrew the Floppy Disk Drive and CD-ROM Drive and move half way out of the front panel.



**Step 2:** Remove CPU Fan, change CPU, and install back CPU fan.

**Step 3:** Put back the Floppy drive and the CD-ROM Drive and secure them with screws.