

MS-5201

Chassis Installation Guide

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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.

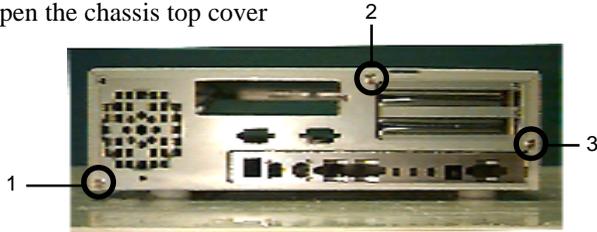
2. Installation Tools

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



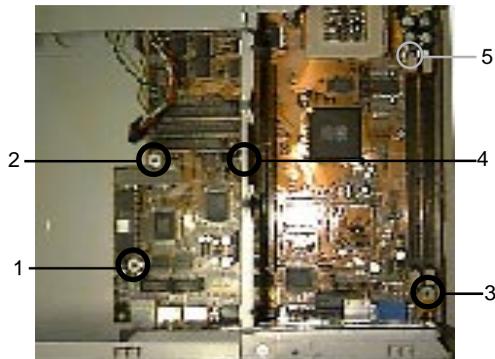
Unscrew these three screws, at the back of the chassis. Then pull the top cover toward yourself.

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.

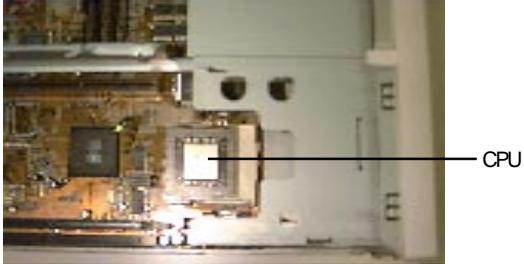
Step 3: Mainboard

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.

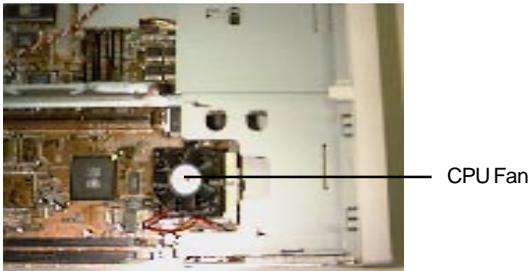


For the 5th mounting hole, add a non-conducting washer above and another one below the board before adding a screw.

Step 4: Install CPU



Step 5: Install CPU Fan

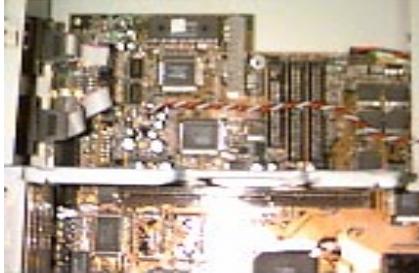


Step 6: Insert DIMM Module.

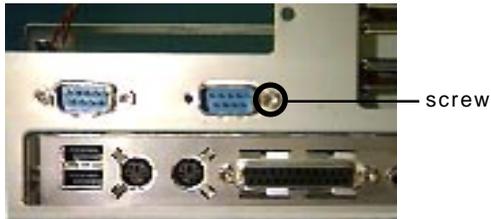


If you have only 1 DIMM module, insert it into the first DIMM slot.

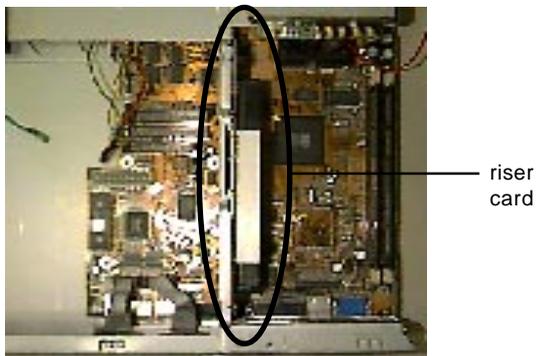
Step 7: Plug-in the cables for COM A and COM B and the CD-ROM audio cable.



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.

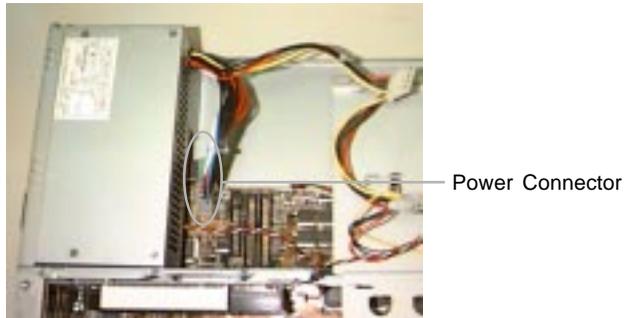




Secure the MS-5296 riser card into the Chassis with screws.

Step 9: Power Supply

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



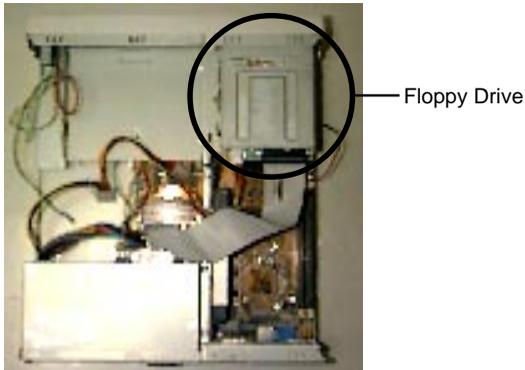
Secure the power supply into the chassis with 3 screws indicated below.



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

Step 11: 3.5" Floppy Drive

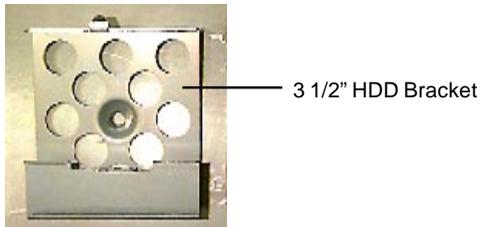
- Insert the floppy drive into the floppy drive bracket from the front panel.
- Secure the floppy drive into the bracket with 4 screws -- 2 on each side.
- Connect the 34-pin floppy cable from the floppy drive into the mainboard FDD port. Pin 1 is indicated by red line on the cable.
- Insert the 4-pin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



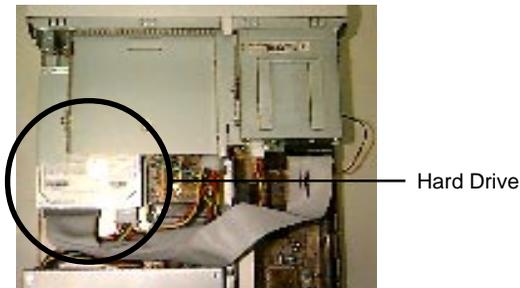
Step 12: Hard Drive



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

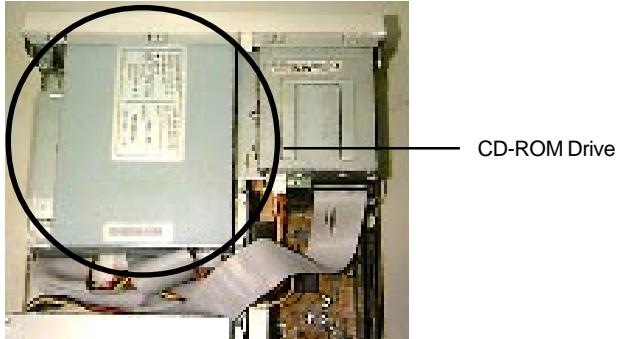


Secure the hard disk into the 3 1/2" HDD Bracket with 4 screws -- 2 on each side.



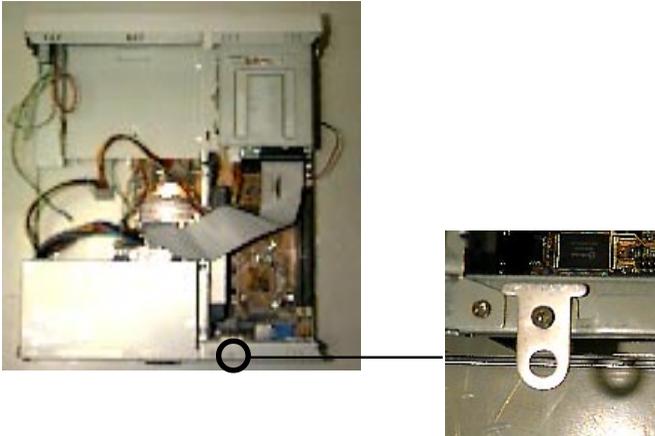
- Secure the 3 1/2" HDD Bracket into the chassis with screw.
- Connect the 40-pin IDE cable from the hard drive into the mainboard's primary IDE connector. Pin 1 is indicated by red mark on the cable.
- Insert the 4-pin power connector from the power supply into the hard drive power socket.

Step 13: CD-ROM Drive



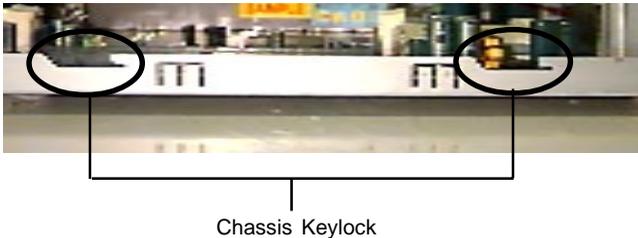
- Secure the CD-ROM into the proper bracket with 2 screws on each side.
- Connect the 40-pin IDE cable from the CD-ROM drive into the mainboard secondary IDE connector. Pin 1 is indicated by red wire on the cable.
- Connect the CD-ROM audio cable from the mainboard into the CD-ROM audio socket.
- Insert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