

Chapter 1

MS-6209 CHASSIS INSTALLATION GUIDE

1. Overview

The MS-6209 is a specially designed chassis for MS-6176E mainboard. The chassis can accommodate one Floppy drive, Hard drive, and Standard CD-ROM. The chassis back panel support one VGA, Network(UTP), Speaker, Game, LPT, PS/2® mouse and keyboard.

2. Installation Tools

Tools you need before you start:

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

3. Screw

Two types of screws are provided by the MS-6209: Flat head screw and Screw w/washer.



Pan Head

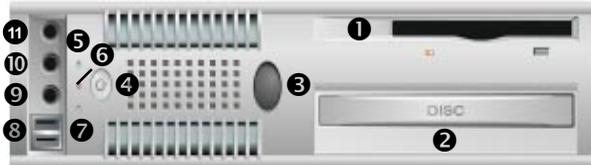
This type of screw is used to mount the mainboard into the Case.



Screw w/
Washer

This type of screw is used to mount the Floppy Drive, CD-ROM Drive, and Hard Drive into the Case.

4. Front Panel Overview



Front Panel (B)

- | | |
|----|-----------------------|
| 1 | 3.5" Floppy Drive |
| 2 | Standard CD-ROM Drive |
| 3 | IR Windows |
| 4 | Power Switch |
| 5 | Power & Suspend LED |
| 6 | Hard Disk LED |
| 7 | Network LED |
| 8 | USB ports |
| 9 | Earphone/Speaker Jack |
| 10 | Line-In Jack |
| 11 | Microphone Jack |

5. Installation Procedures

The Cables used



The Mainboard

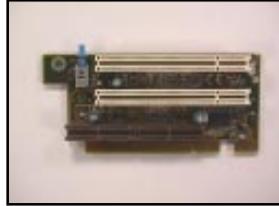


Front Panel Audio/ USB peripheral with cables



Front Panel IR Peripheral with Cable



Riser Card**System Fan**

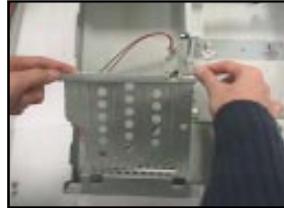
1. Remove the screws and open the cover.



2. Release the lock to remove the Front Panel Bezel.



- 3. Remove the HDD Bracket**
- Press lever to release the HDD Bracket.



- 4. HDD Bracket**



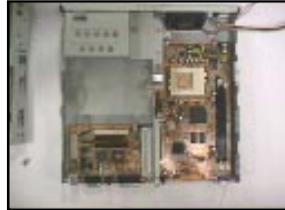
- 5. Unscrew the Rear I/O Shield. Then, remove the Rear I/O Shield.**



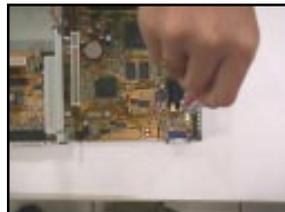
- 6. Insert the Motherboard.**



- 7. Align the Motherboard properly.**



- 8. Secure with screws.**



- 9. Connect the System Fan. Secure with screws. Connect the cable into the motherboard.**



- 10. Connect the Front Panel Audio/USB Peripheral. Secure with screws. Connect the necessary cable into the motherboard.**



- 11. Connect the Front Panel IR Peripheral. Secure with screws. Connect the necessary cable into the motherboard.**



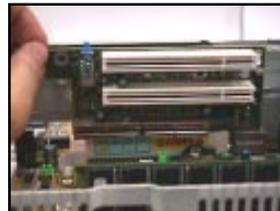
- 12. Install the Processor. Then, install the Processor Fan.**



- 13. Install the DIMM module.**



- 14. Insert the Riser Card.**



- 15. Secure the Riser Card with screws.**



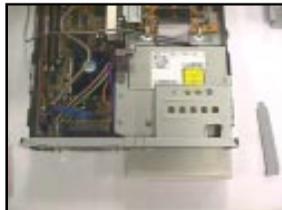
- 16. Reconnect the Rear I/O Shield. Secure with screws.**



- 17. Insert the CD-ROM Drive. Connect the CD-ROM Cable into the Motherboard.**



- 18. Connect the CD-ROM Audio Cable into the Motherboard.**



- 19. Secure the CD-ROM drive with screws.**



- 20. Insert the 3 1/2 Floppy Drive into the Chassis.**



- 21. Connect the Floppy Drive Ear.**



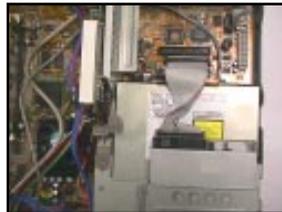
- 22. Secure the Floppy Drive Ear with screws.**



- 23. Secure the Floppy Drive with screws.**



- 24. Connect the Floppy Drive Cable into the Motherboard.**



- 25. Secure the Hard Disk into the HDD bracket with screws. Reinstall the HDD Bracket.**



- 26. Fit in the Power Supply. Connect the power connector into the Motherboard, CD-ROM, Floppy Drive, and Hard Disk.**



27. Secure the Power Supply with screws.



28. Reconnect the Front Panel Bezel.



29. Close the Chassis Cover.
- Secure with screws.

