Chapter 7

MS-6204 CHASSIS INSTALLATION GUIDE

1. Overview

The MS-6204 is a specially designed chassis for MS-6131 mainboard. The chassis can accomodate one Floppy drive, Hard drive, and Slim Type CD-ROM. The chassis back panel support one VGA, Network(UTP), Speaker, Line-in, 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-6204: Flat head screw and Screw w/washer.

Flat 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
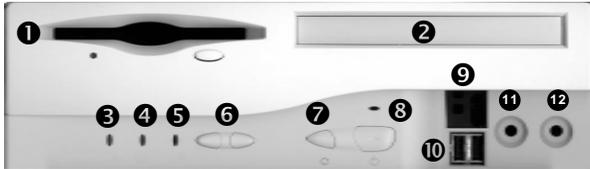
Front Panel (B)

1	**3.5" Floppy Drive**
2	**Slim Type CD-ROM Drive**
3	**Suspend LED indicator (Mail LED indicator reserved for AP)**
4	**Network LED indicator**
5	**Hard Drive LED indicator**
6	**Volume Controller**
7	**Reset Switch**
8	**Power Switch with LED indicator**
9	**IR Windows**
10	**USB ports**
11	**Earphone/Speaker Jack**
12	**Microphone Jack**

Front Panel (A)

1	**3.5" Floppy Drive**
2	**Slim Type CD-ROM Drive**
3	**Suspend LED indicator (Mail LED indicator reserved for AP)**
4	**Network LED indicator**
5	**Hard Drive LED indicator**
6	**Reset Switch**
7	**Power Switch with LED indicator**
8	**IR Windows**
9	**USB ports**
10	**Microphone Jack**

5. Installation Procedure

The Cables used

The Mainboard

**Riser Card and
Daughter Boards**

1. Fit in Power Supply.

2. Secure the Power Supply with screws.

3. Install the Riser Card.

4. Screw the 4 points of Riser Card.

5. Plug the Power Connector.
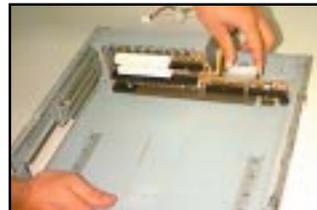
6. **Install the Control Panel (2 Panels).**

7. **Secure the Control Panel (4 points) with screw.**

8. **Install Control Cable to Riser Card.**

9. **Install Control Cable to Control Panel.**

10. Secure the Audio Panel with screw.
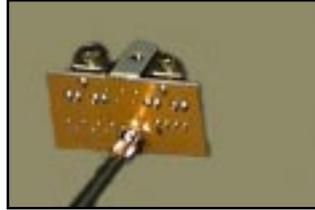
11. Install the Audio Panel.

12. Connect the main-board to Bottom Disc.

13. Secure Mainboard with screw (4 points).
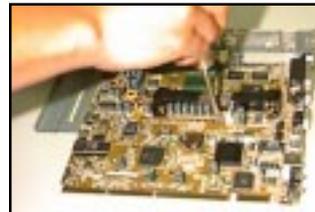
14. Install Mainboard to Chassis I
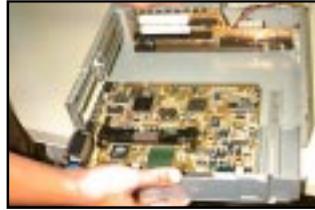
15. Install Mainboard to Chassis II.

16. Connect the Audio Cable.

17. Divide FDD cage.

18. Secure FDD to Cage with screw.

19. Install Slim CD-ROM from front side.

20. Screw CD-ROM to Hander (4 points).

21. Install Hard Disk.

22. Install Floppy Disk Drive.

23. Insert Cables (FDD, IDE1, IDE2).

24. Install SDRAM.
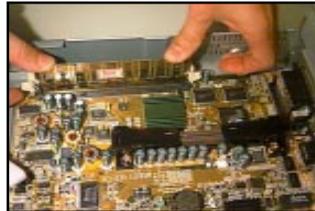
25. Install CPU.

**26. Connect Power and
    Cable for HDD.**

27. Install Device Bay 1.

28. Install Device Bay II.

**29. Secure Device Bay
    to Chassis with screw.**

30. Connect Power and FDD Cables for Floppy Disk Drive.

31. Install the Spacer Support.
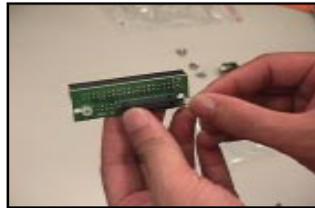
32. Install CD-ROM Converter (MS-5943) to Slim CD-ROM.

33. Secure MS-5943 with screw.

34. Connect IDE and CD-ROM Cable to MS-5943.
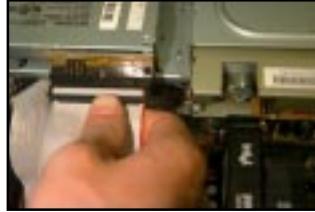
35. Install I/O Shield to rear side.

36. Secure I/O Shield with screw.

37. Install Front Panel.

38. Install Upper Case.

39. Secure rear side with screw. This completes the entire DIY system.

NOTE: Ensure that the voltage setting switch located on the power supply has been set to the right voltage before turning on the system.