Chapter 1

MS-6214 CHASSIS INSTALLATION GUIDE

1. Overview

The MS-6214 is a specially designed chassis for MS-6174 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-6214: Flat head screw and Screw w/washer.

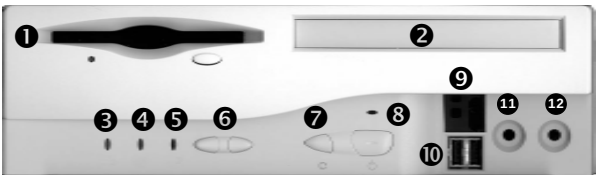
Flat Head

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

Screw w/ Washer

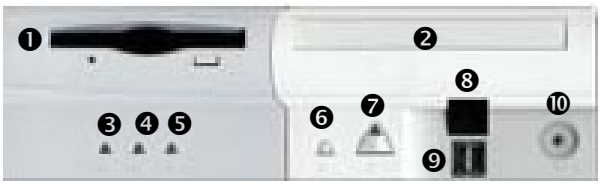
This type of screw is used to mount the Floppy Drive, CD-ROM Drive, and Hard Drive into the Case.

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.

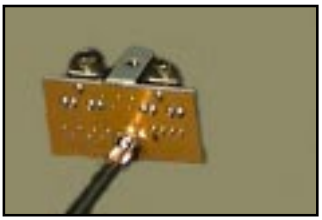
6. Install the Control Panel (2 Panels).

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.

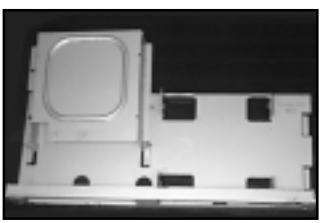
13. Secure Mainboard with screw (4 points).

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.

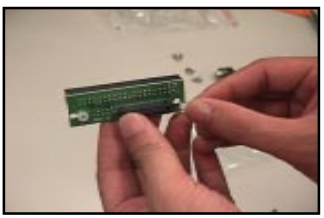
27. Install Device Bay 1.

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.

6. Diagnostic LED Panel Installation Procedure

Insert the Diagnostic LED Panel into the chassis. Then, install the spacer support into the two hole. Secure with the Plastic tuck.

Connect the cable into the Diagnostic LED panel.

Connect the cable into the mainboard.