1. Introduction

MS-6217 provides basic chassis architecture for a Micro ATX motherboard. This manual introduces the MS-6217 product and guides you through the assembly of a basic computer system including CD-ROM, floppy drive, hard disk, motherboard and power supply.

Installation Tools

Before proceeding the assembly, prepare all the necessary tools listed below:

- A Philips cross-headed screw driver
- Long nose pliers
- An anti-static strap or glove

Note: *Wear the anti-static strap or glove before handling the PC components; otherwise, static electricity could cause damage to the components.*

Screw Types

Three types of screws are provided by MS-6217: Round-headed screw, Round-headed screw with washer and Hexagonal screw with washer.

Round-headed screw: This type of screw is used to secure the hard disk and mainboard in the chassis.

Round-headed screw with washer: This type of screw is used to secure the floppy and CD-ROM drives on the bracket.
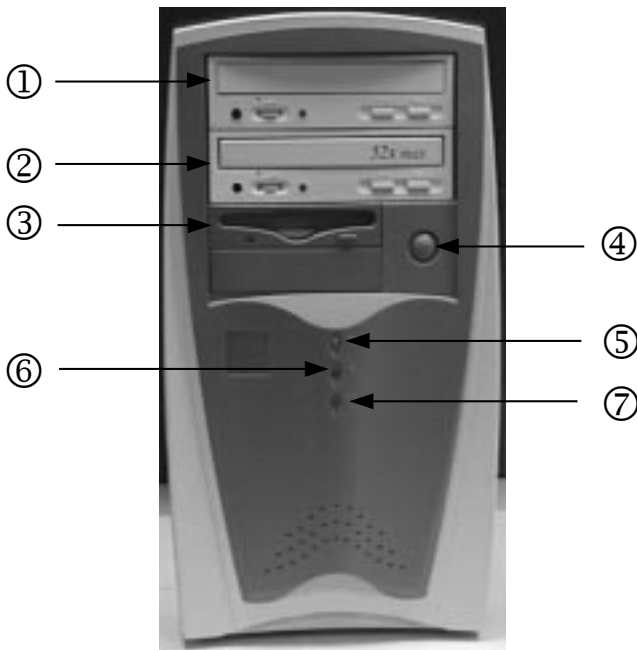
Hexagonal screw with washer: This type of screw is used to secure the keylock on the chassis.
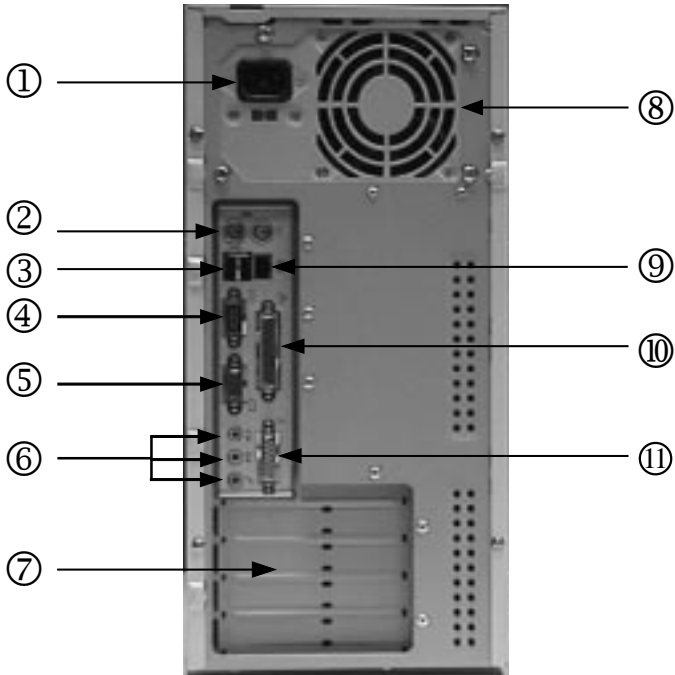
2. Overview

This section gives a glance at front and back panel of MS-6217 series.

Front View (MS-6217-A Front Bezel)

1. **CD-ROM or DVD-ROM Drive**
2. **CD-ROM or DVD-ROM Drive**
3. **3.5" Floppy Disk Drive**
4. **Power Button**
5. **Reset Button**
6. **Power LED**
7. **HDD LED**

Rear View

1. **Power Socket**
2. **PS/2 Ports (Mouse & Keyboard)**
3. **USB Ports**
4. **COM Port**
5. **VGA Port**
6. **Audio Ports**
7. **I/O Shield for Expansion Cards**
8. **Power Supply**
9. **LAN Jack**
10. **Parallel Port**
11. **Joystick/Game Port**

3. Chassis Installation

This section teaches you how to install the system step by step. First, check if the cables and motherboard are available.
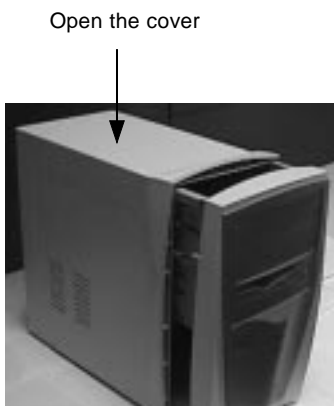
● Device Cables

● Micro-ATX Motherboard

FDD cable

ATA 66 cable
(FOR HDD)
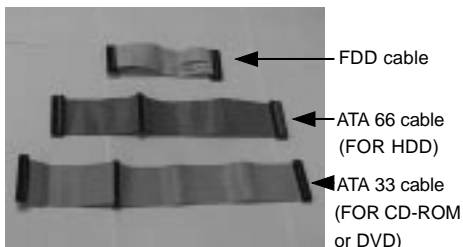
ATA 33 cable
(FOR CD-ROM
or DVD)

Now you are ready to start the installation.

1 Remove the screws on the rear side to open the cover.

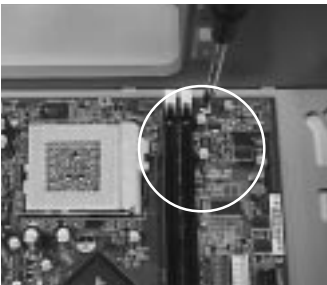**2** Unscrew and remove the HDD bracket.

Open the cover

3 Leave the HDD bracket aside.

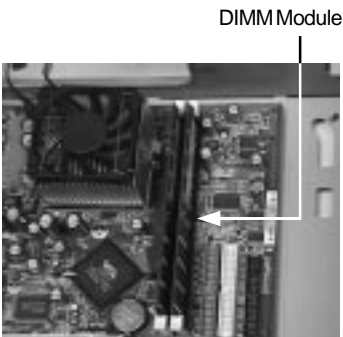**4** Place the motherboard into the chassis.
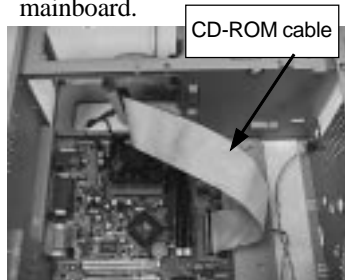

5 Screw up the motherboard.

6 Install the processor and the CPU Fan.

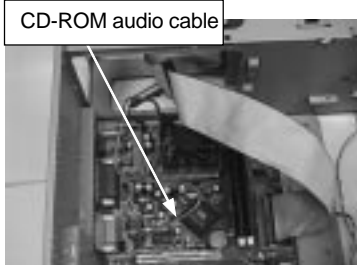**7** Install the DIMM module(s).

DIMM Module

8 Insert the CD-ROM drive into the chassis. Connect the CD-ROM cable to **IDE2** on the mainboard.

CD-ROM cable

9 Connect the CD-ROM audio cable to the **CD-IN** header on the mainboard

CD-ROM audio cable

10 Secure the CD-ROM with screws. (Users can install another CD-ROM if any.)

11 Place the HDD into the HDD bracket and screw it up on two sides.

12 Reinstall the HDD bracket, screw it up and connect the HDD cable to **IDE1** on the mainboard.
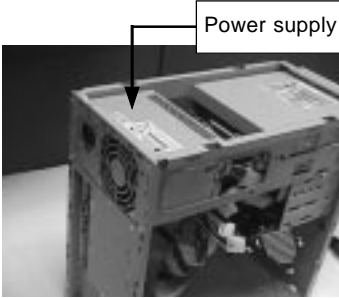

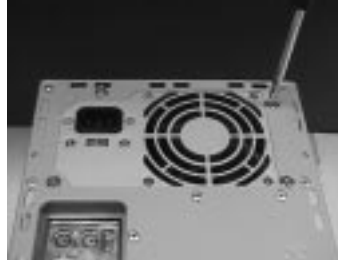**13** Insert the floppy disk drive into the chassis.

14 Screw up the floppy disk drive and connect its cable to the motherboard.
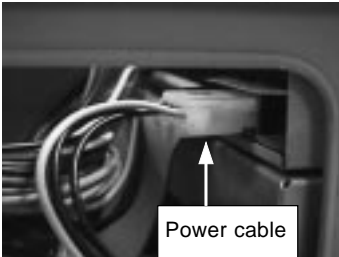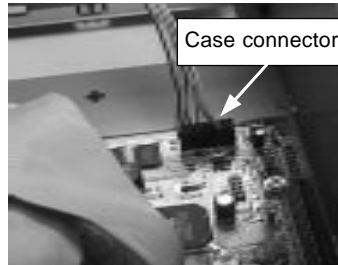
15 Place the power supply into the chassis.

Power supply

16 Secure the power supply with screws.

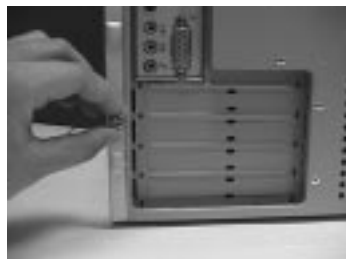**17** Connect the power cables from the power supply to the motherboard, CD-ROM, floppy drive and HDD.

Power cable

18 Connect the case connector from the Front Panel Bezel to the **JFP1** header on the mainboard.

Case connector

19 To install the keylock, refer to *Installing the Keylock*. Then install the cover.

20 Secure the cover with screws on the rear side.

4. Installing the Keylock

This section describes how to attach a keylock to your chassis so that no one can open your computer without your permission. This is useful especially when you want to protect the system components or devices such as a CD-ROM drive from the possible theft.

Before installing the keylock, make sure the package includes the keylock (see the right picture). If it is missing, contact your dealer.

Keylock

Follow these steps to attach the keylock:

Note: If the cover is already installed, unscrew and remove the cover from the computer first.

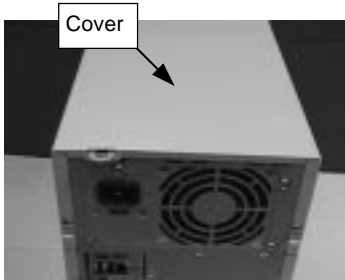**1** Place the keylock on the appropriate location on the rear side.

2 Screw up the keylock to hold it on place.

3 Install and screw up the cover.

Cover

4 Attach any LOCK you prefer to the keylock.