

# **ASUS<sup>®</sup> Genie**

## **Book Size PC System**

### **Installation Guide**



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# FCC/CDC Statements

## Federal Communications Commission Statement

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with manufacturer's instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**WARNING!** The use of shielded cables for connection of the monitor to the graphics card is required to assure compliance with FCC regulations. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

## Canadian Department of Communications Statement

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

**This class B digital apparatus complies with Canadian ICES-003.**

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# System Package Contents

The following checklist enumerates the components included in the standard system package.

- 1) System Chassis
- 2) ASUS POLO Motherboard
- 3) Switching Power Supply
- 4) ASUS 24X CD-ROM Drive
- 5) CD-ROM Adapter Board
- 6) 1.44MB Floppy Disk Drive
- 7) IR-USB Module
- 8) PCI Riser Card
- 9) CPU Heatsink
- 10) Motherboard Support CD
- 11) CD-ROM Drive Support Disk
- 12) (1) UltraDMA/33/66 IDE Cable
- 13) (1) UltraDMA/33 IDE Cable
- 14) (1) Floppy Cable
- 15) (1) IR Cable (5-pin)
- 16) (1) USB Cable (10-pin)
- 17) ASUS Name Plate
- 18) Motherboard User's Manual
- 19) CD-ROM Drive Manual
- 20) Genie Book Size PC System Installation Guide

Optional Components (not included in standard system package)

- 1) 56K PCI Modem Card
- 2) DFP Connector with Cable
- 3) (2) Foot Stands and (1) Plastic Panel Cover

If you are assembling the system by yourself, make sure to prepare all the components before starting. It saves you a lot of time not having to hunt down components when you need them.

# Introduction

You are reading the Genie Book Size PC System Installation Guide. This reference guide provides general information about the Genie Book Size PC System.

“About This Guide” contains an introduction on the contents of this document that include target audience and chapter description.

# About This Guide

# Audience

This guide is intended for experienced users and integrators with hardware knowledge of personal computers.

## Contents Description

This installation guide contains the following parts:

### **1. Introduction: About This Guide**

This part contains an introduction on the contents of this document that include target audience and chapter description. It also lists the items included in the system package.

### **2. Chapter 1: System Assembly**

This chapter includes step-by-step instructions on how to install components in the Genie Book Size PC System.

### **3. Chapter 2: Optional Procedures**

This chapter tells how to install optional components and perform optional assembly procedures in the Genie Book Size PC System.

### **4. Chapter 3: System Placement**

This chapter describes the different system placement options to allow you to maximize your working area and afford you more convenience.



# Chapter 1

This chapter includes step-by-step instructions on how to install components in the Genie Book Size PC System.

**IMPORTANT:** The Genie Book Size PC System chassis is suitable only for Flex ATX motherboards up to 20cm wide. Before installing your motherboard and other components, make sure that they fit in the case and the I/O connectors correspond to the I/O plate on the back panel.

# System Assembly

# Opening the Chassis



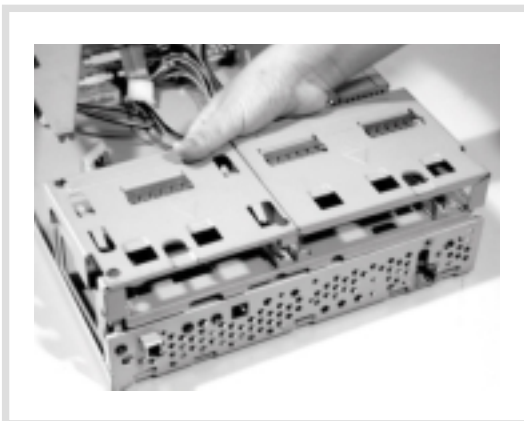
1. Remove the two screws (indicated by black circles) on the back panel that secure the top cover to the chassis.



2. Slide the top cover towards the back panel, then lift it off the chassis.



3. Detach the front panel by lifting the holding tabs on top.



4. Remove the whole disk drive frame by holding it firmly as shown, and lifting it off the chassis.

# Installing Disk Drives



1. Detach the CD-ROM frame by sliding it back for a quarter of an inch then lifting it up.



2. Carefully insert a slim CD-ROM drive into the frame as shown.



3. Secure the slim CD-ROM drive with two screws (one on each side).



4. Attach the slim CD-ROM adapter board to the back of the drive.

# Installing Disk Drives



5. Secure the board with two screws.



6. Insert a floppy disk drive into the FDD bay as shown.



7. Secure the floppy drive to the frame using four screws (two on each side).



8. Carefully turn the disk drive frame over and place a hard disk drive on the HDD bay as shown.

# Installing Disk Drives



9. Secure the HDD to the frame using four screws (two on each side).



10. Carefully re-install the CD-ROM drive frame to the main drive frame.

# Installing Optional Components

## **IMPORTANT!**

Install the optional components such as the I/O plate before installing the motherboard.

### *I/O Plate*

You may need to change the I/O plate on the chassis back panel if the I/O connectors on your motherboard do not match the existing plate. Change the I/O plate **before installing the motherboard**. Refer to Chapter 2 for instructions on changing the I/O plate.

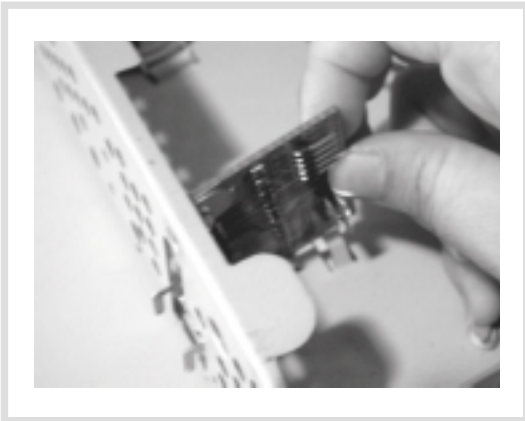
### *PCI Expansion Card*

The chassis can accommodate one expansion card through a PCI riser card. Install the PCI expansion card **after you have installed the motherboard**. Refer to Chapter 2 for instructions on expansion card installation.

# Installing an IR-USB Module



1. Attach the L-type fastening bracket to the IR-USB module.

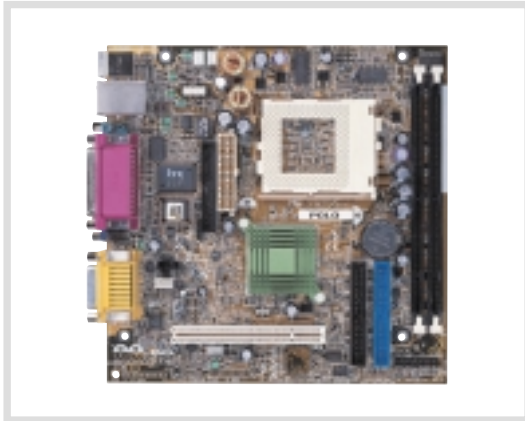


2. Install the IR-USB module to the USB slot on the front of the chassis.



3. Secure the IR-USB module with a screw.

# Installing the Motherboard



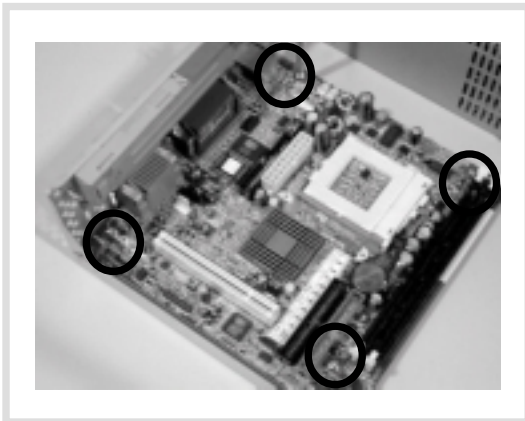
A FlexATX motherboard that measures 19.05cm (7.5in) x 19.05cm (7.5in) fits into the Genie Book Size PC chassis.



1. Remove the riser card holder by lifting it up and unhooking it from the back panel frame.



2. Place the motherboard into the chassis as shown, and making sure that the I/O connectors fit the holes on the I/O plate.



3. Secure the motherboard with four screws on the areas indicated by circles.



# Closing the Chassis



1. Replace the disk drive frame into the chassis as shown.



2. Check the drive frame tab on the front and make sure it fits in place.



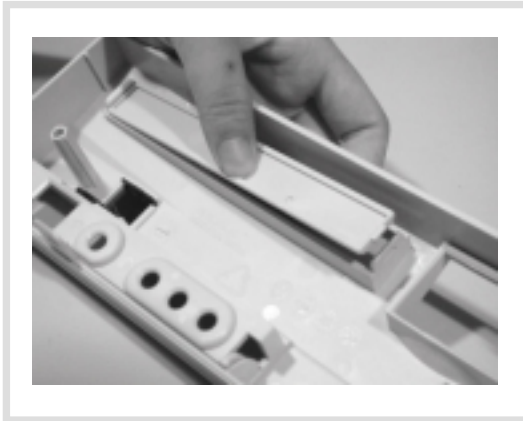
3. Re-install the riser card holder by inserting the hooks (indicated by circles) into the holes on top of the slot frame.



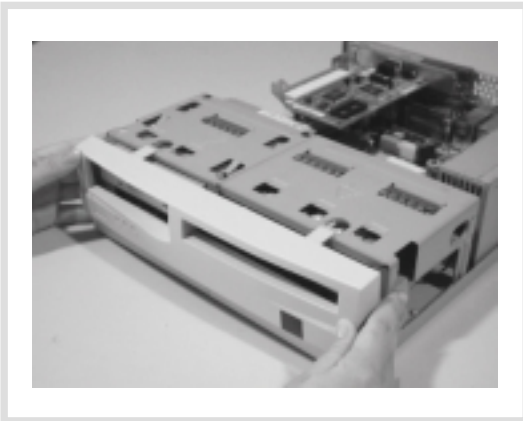
4. Push down the riser card holder to secure the riser card in place.



# Closing the Chassis



5. Remove the CD-ROM drive cover.



6. Replace the front panel by inserting the two tabs underneath the panel into their corresponding holes on the bottom of the chassis. Push the panel in until the top holding tabs click in place.

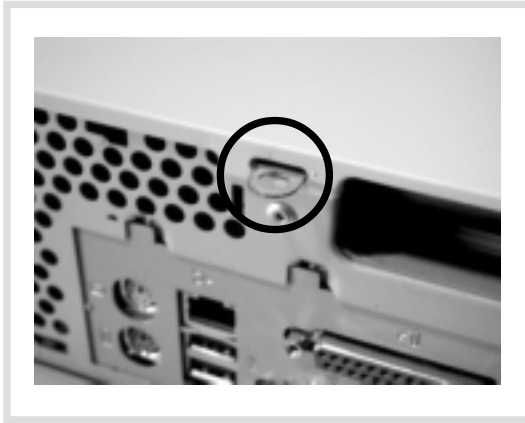


7. Make sure that the holding tabs on top are secure.

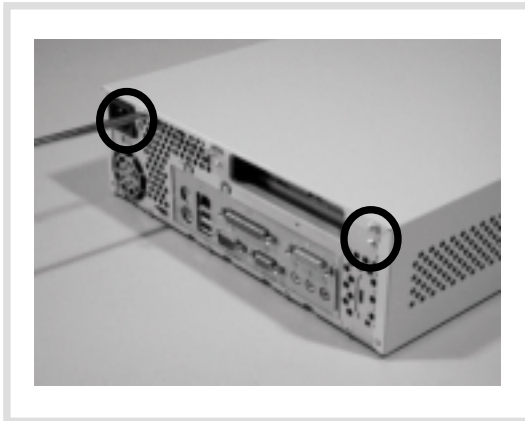


8. Replace the chassis top cover by sliding it towards the front panel until it fits in place.

# Closing the Chassis



9. Ensure that the lock tab (indicated by circle) on the back panel goes through the hole at the back of the top cover.



10. Secure the top cover to the chassis using two screws.

# Chapter 2

This chapter tells how to install optional components and perform optional assembly procedures in the Genie Book Size PC System.

# Optional Procedures

# Changing the I/O Plate



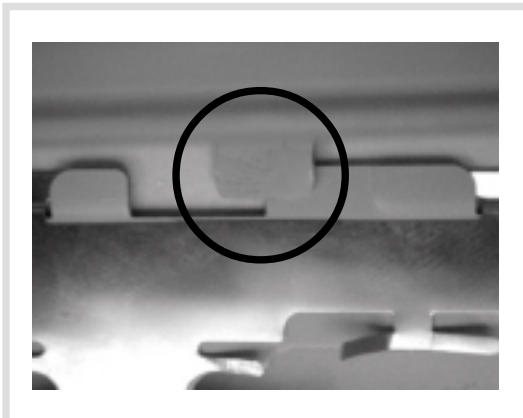
1. Detach the I/O plate from the chassis by sliding it to the right. (CAUTION: Be careful when removing the I/O plate. The tabs that secure it are tight.)



After removing the existing I/O plate, the back panel exposes an opening for the new I/O plate to fit your motherboard I/O connectors.



2. Install a new I/O plate by fitting it to the I/O opening and sliding it to the left until it completely fits in place.



3. Make sure that the I/O plate slide in behind the securing tabs on the frame.

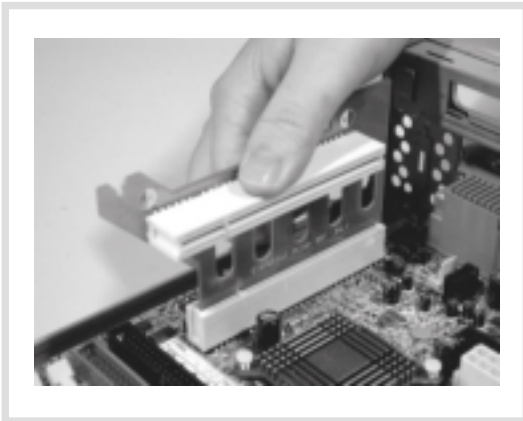
# Installing a PCI Expansion Card



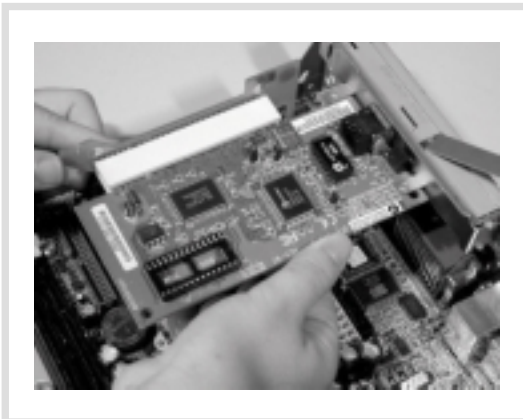
1. Lift the card locking tab to access the PCI expansion slot.



2. Remove the expansion slot metal cover by sliding it to the right.



3. Install the riser card to the connector on the motherboard.

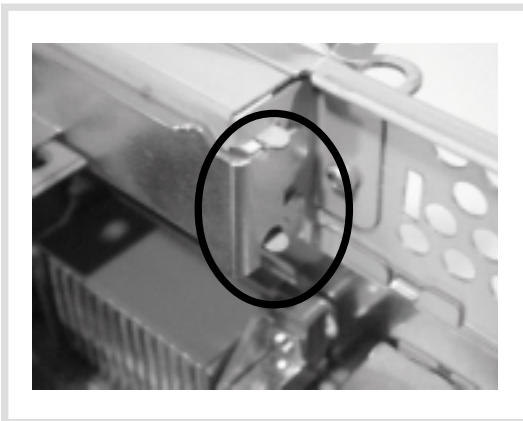


4. Insert the golden fingers of the PCI expansion card into the riser card slot and push in firmly to seat the card.

# Installing a PCI Expansion Card



5. For card stability, make sure that the card bracket end goes into the cleft on the slot frame.



6. Make sure that the notched end of the card bracket fits the protruding tabs on the slot frame.



7. Push down the card locking tab to secure the expansion card in place.

# Chapter 3

This chapter describes the different system placement options to allow you to maximize your working area and afford you more convenience.

# System Placement

# Horizontal Placement

Normally, you place the Genie Book PC system flat (horizontal) on the desk. The chassis comes with four rubber feet that prevent direct contact with the surface.





# Vertical Placement

You may also place the chassis in a vertical position to save space. If you desire to position the system this way, you need to purchase an optional pair of foot stands and a plastic panel cover for the bottom of the system chassis.



Follow these steps to place the system in a vertical position.

- 1) Remove the four pieces of rubber feet on the bottom of the system chassis.
- 2) Attach the plastic panel cover to the bottom of the chassis.
- 3) Position the foot stands opposite the foot marks on the panel cover.
- 4) Stabilize the system by making sure that the foot stands are properly attached.

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