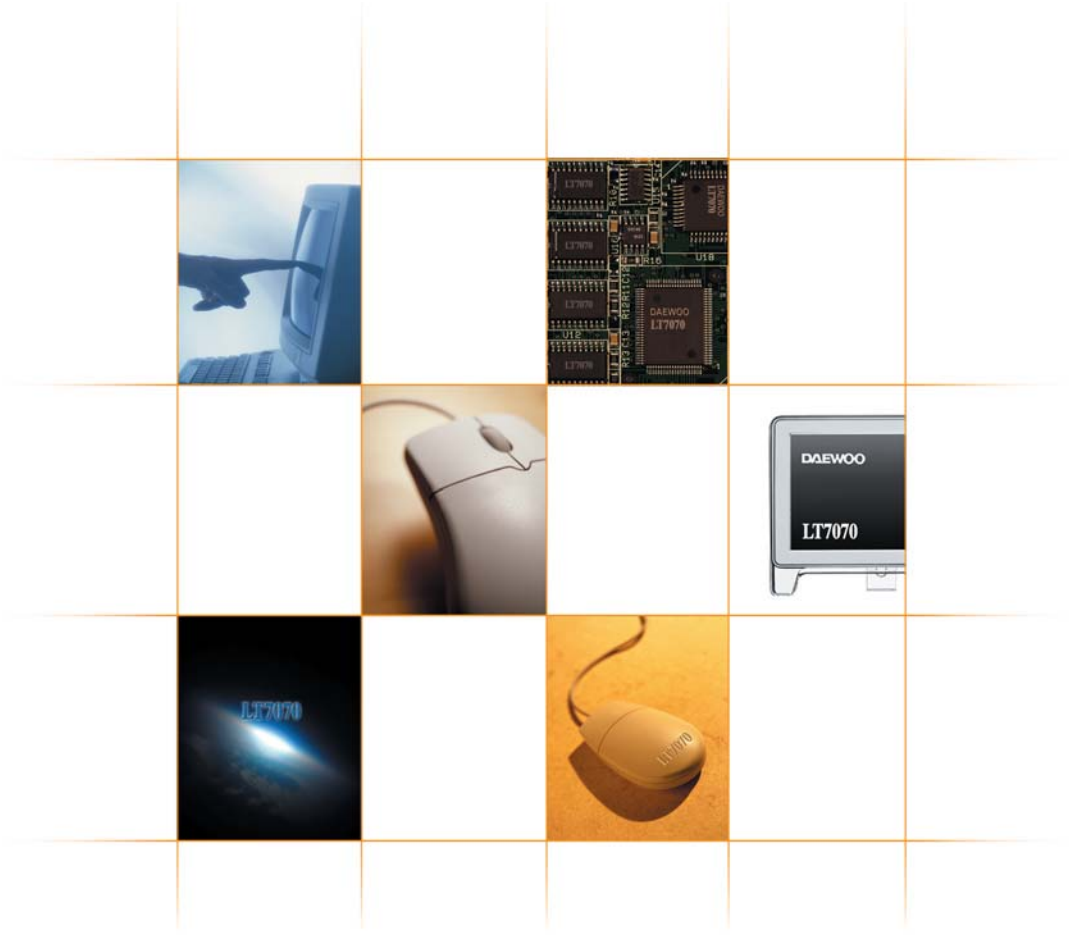
DAEWOO LT7070

User's Manual

LT7070



DAEWOO

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DAEWOO Computer

How to use this manual

▶It is very easy to install the computer system with this manual.
Please read this guide carefully, before you install the computer system.


is a sign that you should pay an attention.


is a sign of recommendable information.

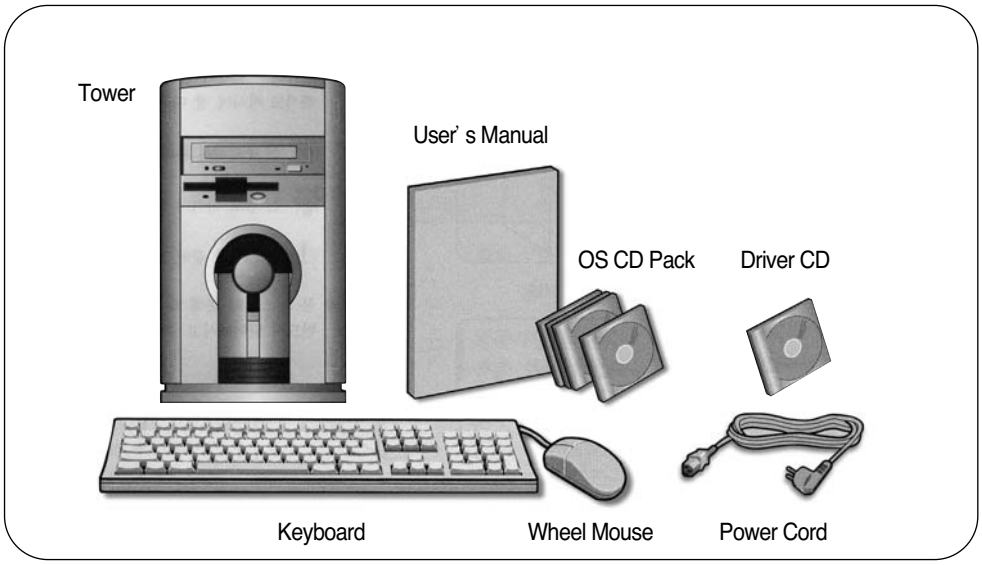
▶Before upgrading your system or replacing any hardware, please read Chapter 3 "Upgrading the system" first.


Before opening the system chassis, remember to turn off the system and to disconnect all cords and cables.


Caution : There is the danger of an explosion if the battery is incorrectly replaced.
Replace the battery with the same or equivalent type recommended by the manufacturer.
Discard used batteries according to the battery manufacturer' s instructions.


The lithum battery in mainboard is used for the RTC backup.
When the battery is used up, change another new one.
Refer to the main board user' s guide, when you exchange the external battery.

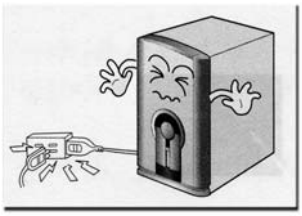
Check Items



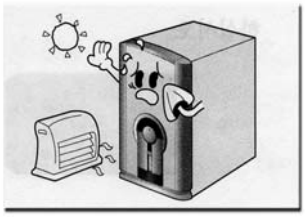
Check your boxes for the following items

System Settings

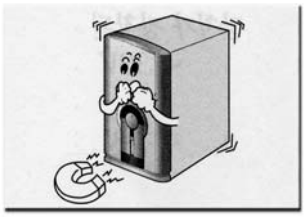
▶Information that you should know before you install the system.



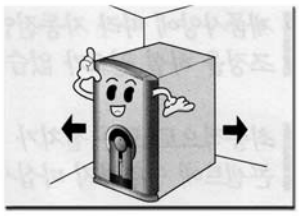
▲Please do not overload the power socket.



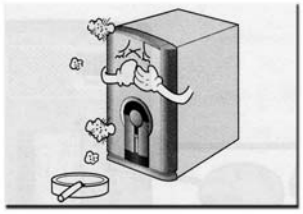
▲Place the system away from high temperature and direct sunlight.



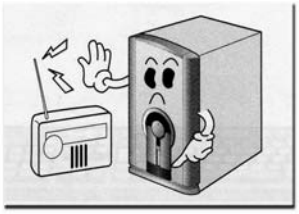
▲Do not place magnetic objects close to the system.



▲Keep distance between the system and the wall.



▲Avoid dust or moisture from the system.



▲Place the system away from a radio or any electronic receivers.

CH1. Mainboard Specification

1.1 CPU

- Socket 478 for P4 processors(Willamette 478 and Northwood 478) with 400/533MHz
- Core frequency from 2GHz to 2.8GHz and up

1.2 Chipset

- SiS651 IGUI HMAC(702 pin BGA)
  - High performance host interface 400/533MHz
  - Support 64-bit high performance DDR333
  - Support AGP 4X/2X interface with fast write transaction
  - High throughput SiS HyperZip connect to SiS962L HyperZip Media I/O
  - High performance 2D/3D and Video Accelerator
  - Complete TV-out/Digital flat panel solution and MPEG-2/1 Video decoder

- SiS962L HyperZip Media I/O(371 BGA)
  - High performance HyperZip connect to SiS series NB
  - Integrated multi-threaded I/O link ensures concurrency of up/down stream data transfer with 1.2GB/s bandwidth
  - Integrated HyperZip connect to PCI bridge
  - Dual IDE Master/Slave controller
  - Integrated USB 2.0/1.1 host controller and fast Ethernet MAC controller
  - Integrated audio controller with AC97 interface
  - Advanced power management and PC2002 compliance
  - Integrated RTC and DMA interrupt and keyboard controller

1.3 Main Memory

- Supports four memory banks using two 184-pin unbuffered DDR DIMM
- Supports up to 2GB memory size

CH1. Mainboard Specification

1.4 Slots

- One AGP(Accelerated Graphics Port) 2X/4X slot
- Three PCI 2.2 32-bit PCI bus slots(support 3.3V/5V PCI bus interface)
- One CNR(Communication Network Riser) slot

1.5 On-Board IDE

- Dual IDE controllers integrated in SiS962L
- Support P/O, Bus Master, Ultra DMA 66/100/133 operation
- Can connect up to four IDE devices

1.6 On-Board Peripherals

- 1 floppy port supports 2 FDDs with 360K, 720K, 1.2M, 1.44M and 2.88Mbytes
- 2 serial ports(COM A + COM B)
- 1 parallel port supports SPP/EPP/ECP mode
- 2 USB ports(2.0/1.1)
- 1 RJ-45 LAN jack
- 1 audio/game port
- 1 VGA port

1.7 Audio

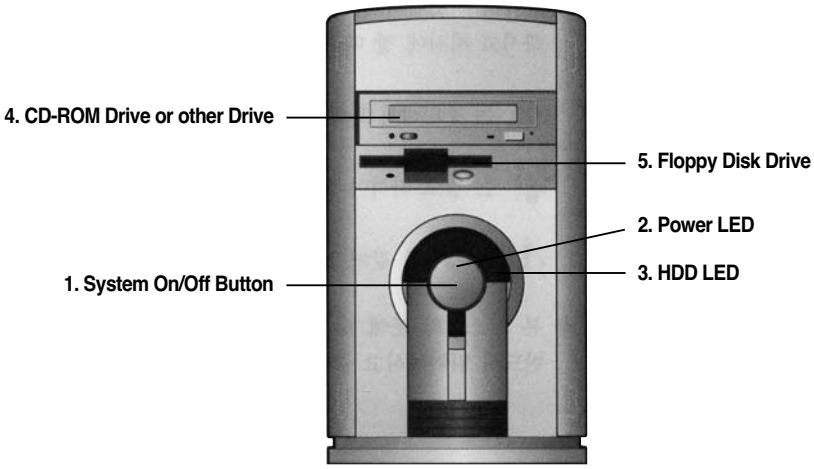
- AC97 link controller integrated in SiS962L
- 6 channels software audio codec RealTek ALC650

1.8 LAN

- PCI local bus single-chip Fast Ethernet Controller, RealTek RTL8101L
  - Supports 10Mb/s and 100Mb/s auto-negotiation operation
  - Compliance with PCI v2.2 and PC2002 standard
- Supports ACPI power management

CH2. System Configuration

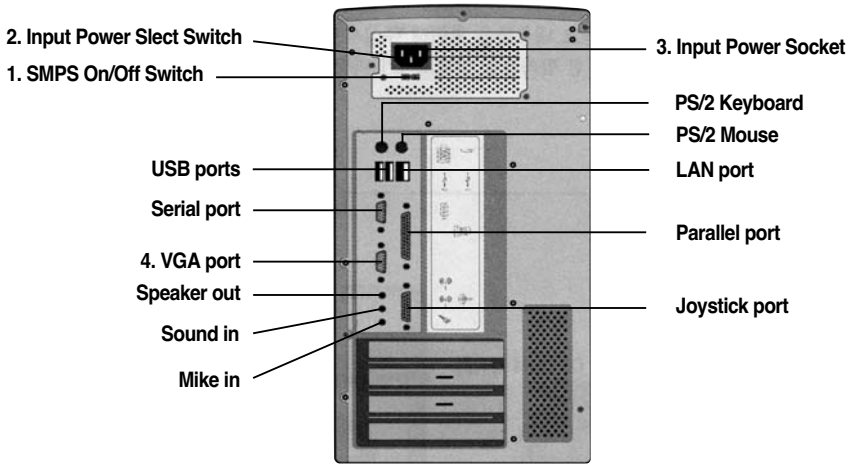
■ Front Panel



1. System On/Off Button
   To turn on and to turn off the computer system.
2. Power LED
   The light that indicates the system is working.
3. HDD LED
   The light that indicates the system is accessing the Hard Disk Drive.
4. CD-ROM Drive or other Drive
   The drive that can read CD-ROM titles. etc.
5. Floppy Disk Drive
   3.5" Floppy Disk Drive that can read a data from, or write a data to.

CH2. System Configuration

■ Back Panel

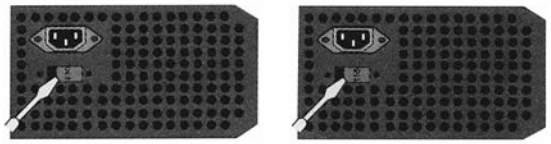


1. SMPS On/Off Switch
   The Switch that supports SMPS On/Off.
2. Input Power Select Switch
   Two different voltages, 115V and 230V, can be selected with this switch.
3. Input Power Socket
   The socket that supports power to the tower.
4. VGA Port
   A monitor can be used through this connector.

CH3. Start to Install

1. Check the voltage switch

Please check which voltage will be supported to the system. The default setting of the voltage switch is 115V,but if 230V will be used in the system, change the voltage switch, which is located at the back of the tower, to 230V.



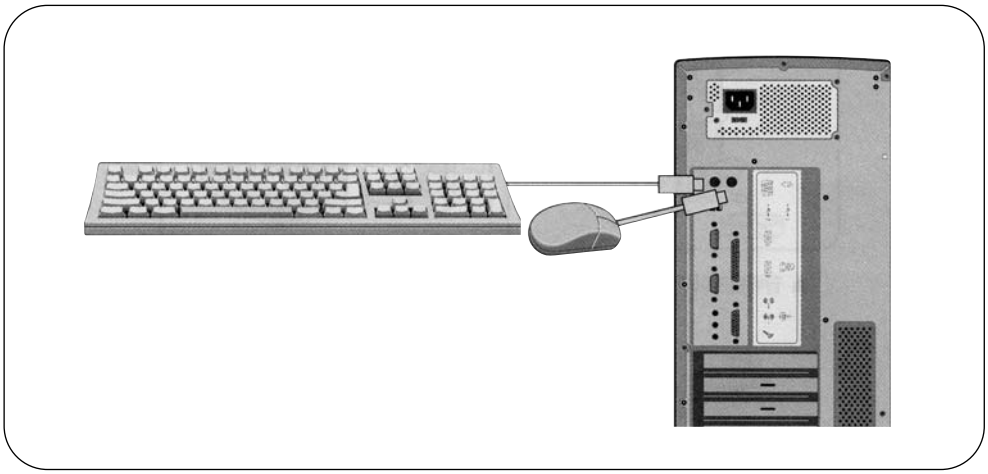
▲default mode : 115V ▲other mode : 230V

Do not connect power cables to the system until you finish all the described installation.

CH3. Start to Install

2. Connecting the keyboard and the mouse

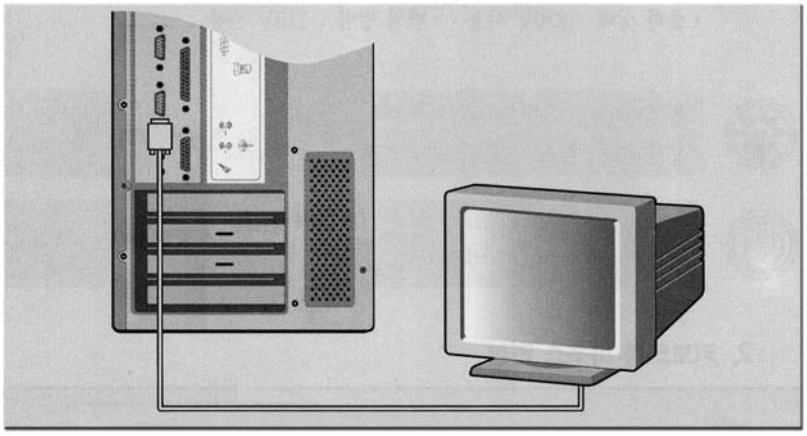
▶Check the key board connector which is located at the back of the tower.
▶Check the mouse connector which is located at the back of the tower.(Refer to the picture)



Don' t put too much force on the connector while you are connecting the devices.
It would be easily connected if the direction of the connector is correct.

The keyboard and the mouse is in PS/2 type.

3. Connecting the monitor



▶Connect the 15pin cable of the monitor to the video card connector at the back of the tower. The cable on the monitor can be easily disconnected, so use the two screws on the connector to connect it firmly.

4. Connecting other devices. (optional)

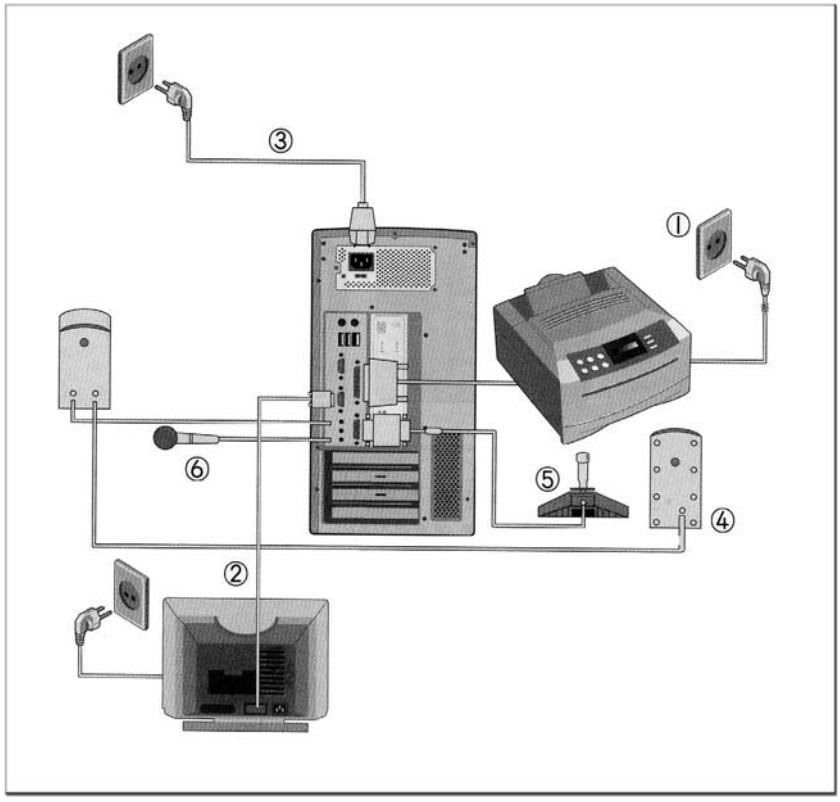
▶Connect a printer or a scanner.

5. Connecting power cables

▶Connect the power cables of the peripheral devices(printer, speaker) first.
▶Connect the monitor power cable.
▶Connect the system power cable at last.

While you are connecting the monitor power cable to the output power socket of the tower, make sure the voltage that the monitor requires is same as the voltage that the system supports.

Refer to the picture for the connection steps.


③
①
⑥
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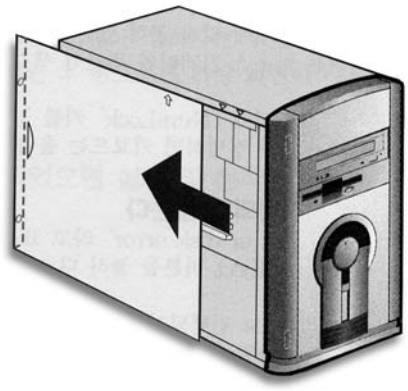
CH4. Upgrading The System

Upgrading the system

The system can be damaged if any device is removed or added while the power cable is still connected. Remember to disconnect the power cable before you start upgrading the system.

1. How to open the chassis

- ▶Turn the system off and disconnect the power cable.
- ▶Turn off all the peripheral devices that are connected to the system.
- ▶Disconnect all the cables from the system.
- ▶Disconnect the mouse and the keyboard.
- ▶Pull the front cover out and lift it up.
- ▶Pull the side piece of the system.
  (refer to the picture)



Follow the above step from the last to re-build the system.

CH4. Upgrading The System

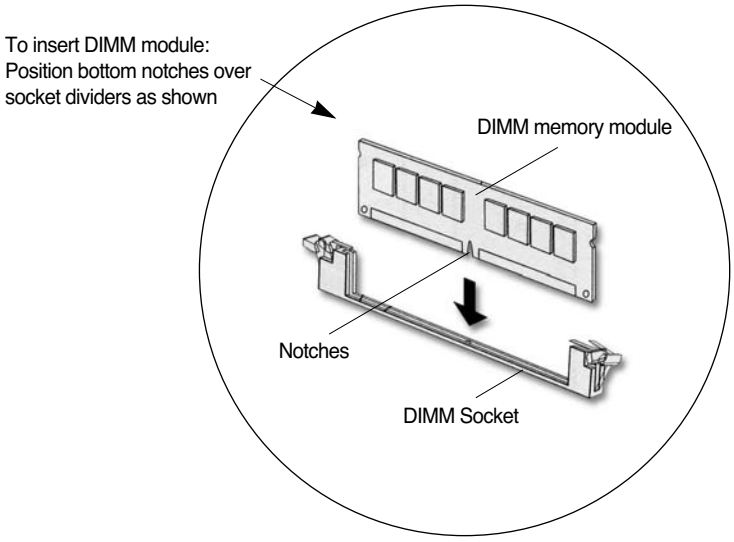
2. Upgrading the memory:

Installing

① Locate the two clips that hold the memory module in place. One clip holds the left edge of the module and the other clip holds the right dege.

② Push both clips aw ay from the socket.

③ Position the DIMM over the socket so that the notch at the bottom of the module lines up over the divider in the socket. AS shown in the next picture, match the wide part of the module to the wide part of the opening in the socket.



④ Push the module straight down into the socket.

CH4. Upgrading The System

Replacing

① Locate the two clips that hold the memory module in place. One clip holds the left edge of the module and the other clip holds the right edge.

② Push one clip away from the module. Then, while holding the module with one hand, push the other clip away from the module.

③ Lift the module out of the socket.

CH4. Upgrading The System

3. Installation of Add-On Cards

① Unscrew and remove an empty slot guide.

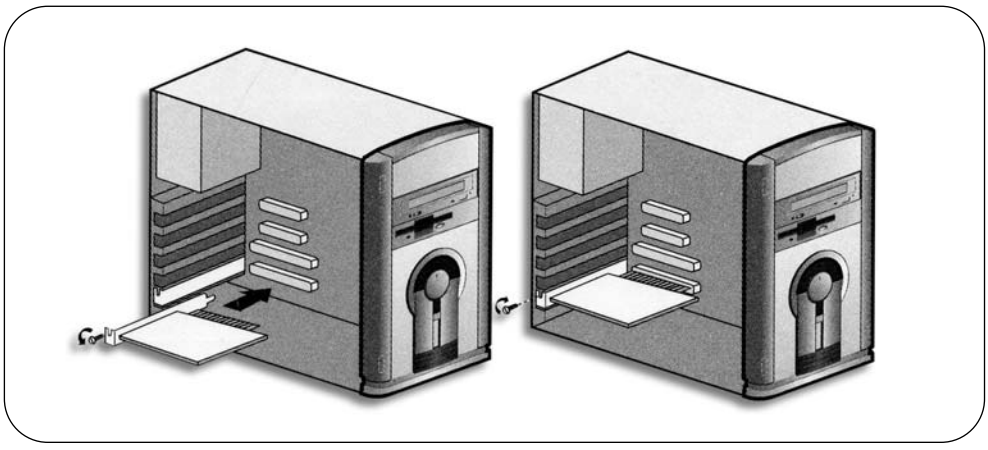
② Put an Add-On Card in the empty slot care fully. (be careful to the direction of the card)

Add-On Cards can be placed in any of the slots, but please be careful to put PCI Cards in PCI slots.

③ If there are cables that should be connected to the Add-On card, please connect to it.

④ Screw the guide of the Add-On card.

The Add-On Card should be properly inserted in the slot. If the card is not properly inserted, then it could cause the system failure.



FCC STATEMENT

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 the 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 into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio, TV technical for help.
- Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could boid the users authority to operate such equipment.

http://www.daewoocomputer.net
P/N: 9919562J60