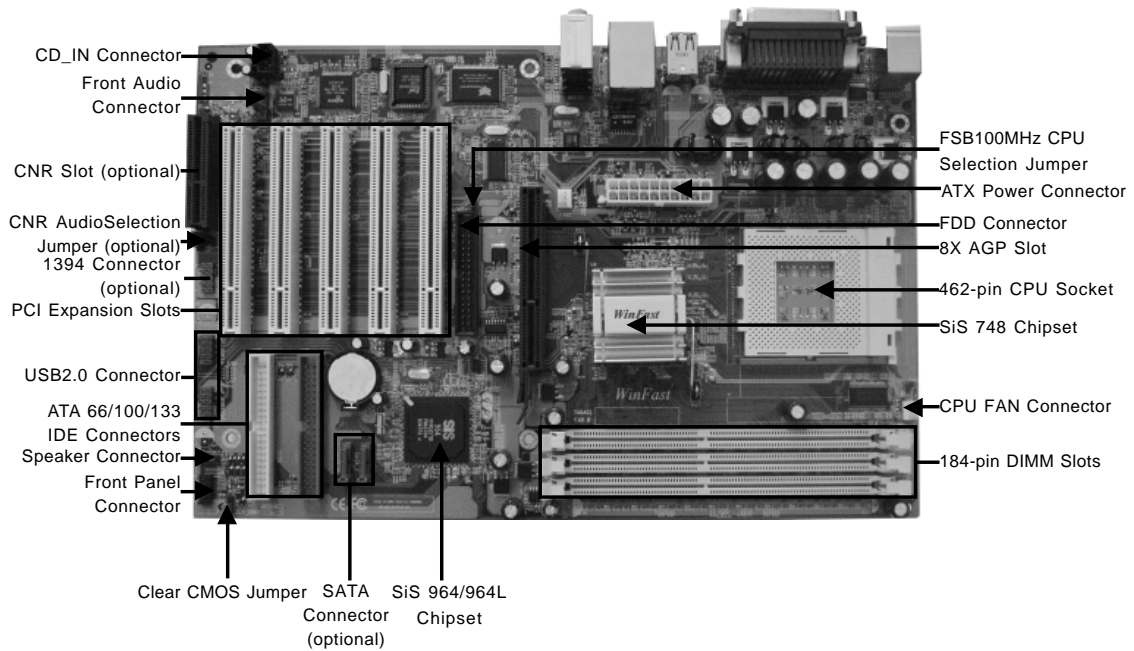


748K7AA Layout

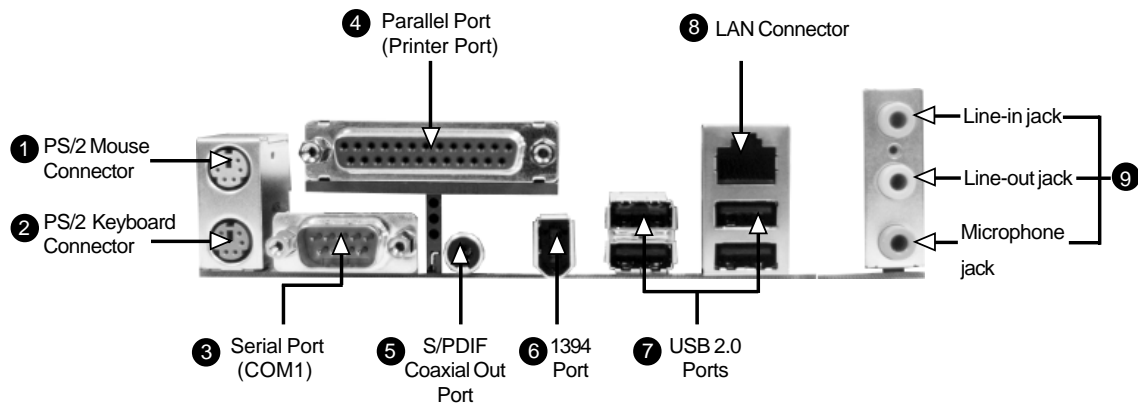


Remark:

The above motherboard layout is provided for reference only; please refer to the physical motherboard.

P/N: 91-185-U48-A0-0E

748K7AA Rear Panel



1 PS/2 Mouse Connector

This green 6-pin connector is for a PS/2 mouse.

2 PS/2 Keyboard Connector

This purple 6-pin connector is for a PS/2 keyboard.

3 Serial Port (COM1)

This 9-pin COM1 port is for pointing devices or other serial devices.

4 Parallel Port (Printer Port)

This 25-pin port connects a parallel printer, a scanner, or other devices.

5 S/PDIF Coaxial Out Port

This port connects to external audio output devices with coaxial cable connectors.

6 1394 Port (optional)

This digital interface supports electronic devices such as digital cameras, scanners, and printers.

7 USB 2.0 Ports

These four Universal Serial Bus (USB) ports are available for connecting USB 2.0 / 1.1 devices.

8 LAN Connector

This port allows connection to a Local Area Network (LAN) through a network hub.

9 Line-in jack, Line-out jack, Microphone jack

Use the three audio ports to connect audio devices. The Line-in jack is for a tape player or other audio sources. The Line-out jack is for a headphone or a speaker. The Microphone jack is for a microphone. In 6-Channel mode, the function of the three jacks becomes Rear Speaker Out, Front Speaker Out and Center/Subwoofer Speaker respectively.

Accessory Checklist

- ❖ 748K7AA Motherboard (x1)
- ❖ WinFast Utility CD (x1)
- ❖ Easy Installation Guide (x1)
- ❖ IDE Ribbon Cable (x1)
- ❖ FDD Ribbon Cable (x1)
- ❖ I/O Shield (x1)
- ❖ S-ATA Signal Cable (x2) (optional)
- ❖ S-ATA Power Cable (x1) (optional)
- ❖ SiS 964 RAID Floppy Disk (x1) (optional)

1. Support CPU & Memory

CPU:

- ❖ Supports AMD K7 CPU
- ❖ Supports FSB at 200/266/333/400 MHz

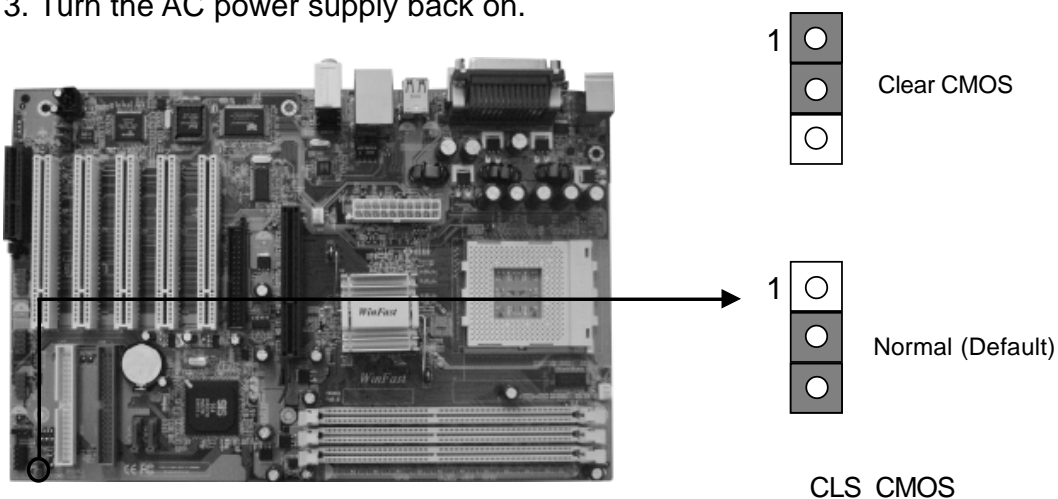
Memory:

- ❖ Supports PC3200/PC2700/PC2100
- ❖ Supports 128/256/512 Mb technology up to 3 GB

2. Clear CMOS Jumper: CLS_CMOS

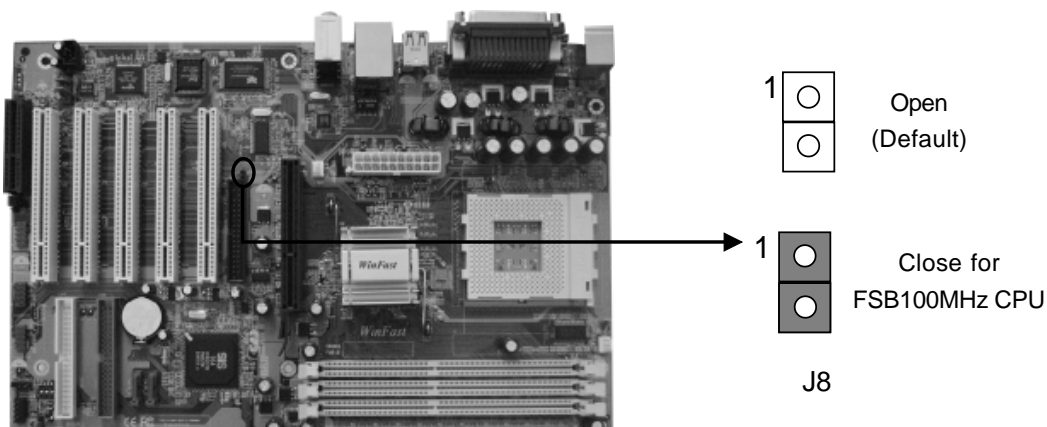
You can clear CMOS to restore default system setting. To clear the CMOS, follow the procedures described below.

1. Turn off the AC power supply and connect pin 1 and 2 together using the jumper cap .
2. Return the jumper setting to normal (pin2 and 3 together with the jumper cap).
3. Turn the AC power supply back on.



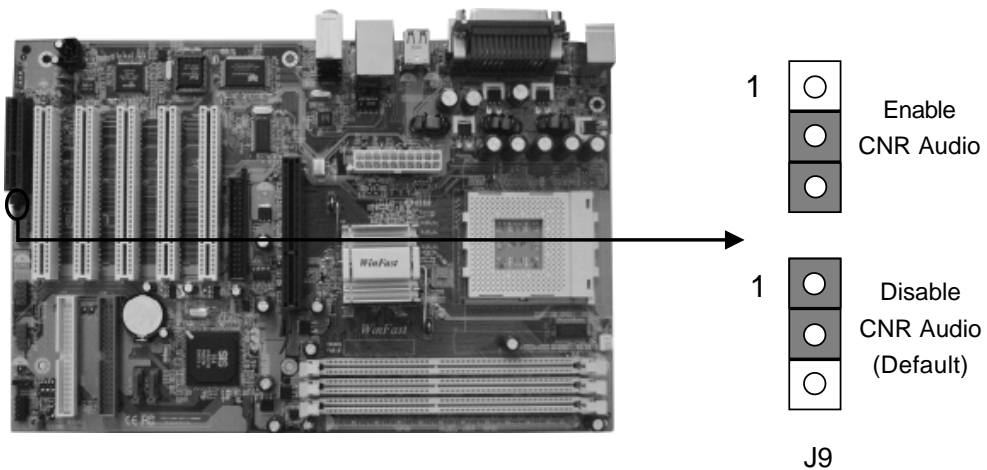
3. FSB100 MHz CPU Selection Jumper: J8

This jumper is used to select FSB100MHz K7 CPU. The default state for J8 is OPEN. When you want to use FSB100 MHz K7 CPU, set this jumper as CLOSE.



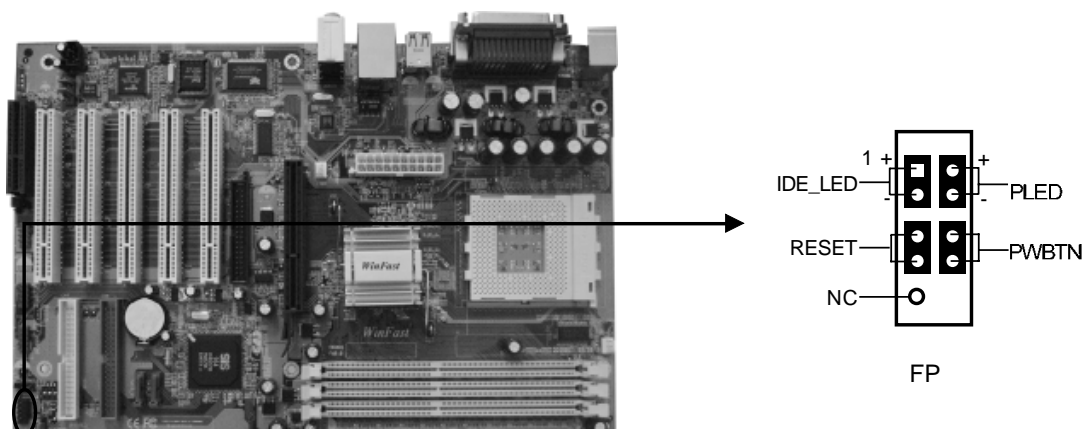
4. CNR Audio Selection Jumper (optional): J9

This jumper is used to set enable or disable CNR audio function. The default state for J9 is set to disable (Pin1 & Pin2 together), then you cannot use the CNR audio and onboard audio is available. If you want to use CNR audio function, set J9 to enable (Pin2 & Pin3 together).



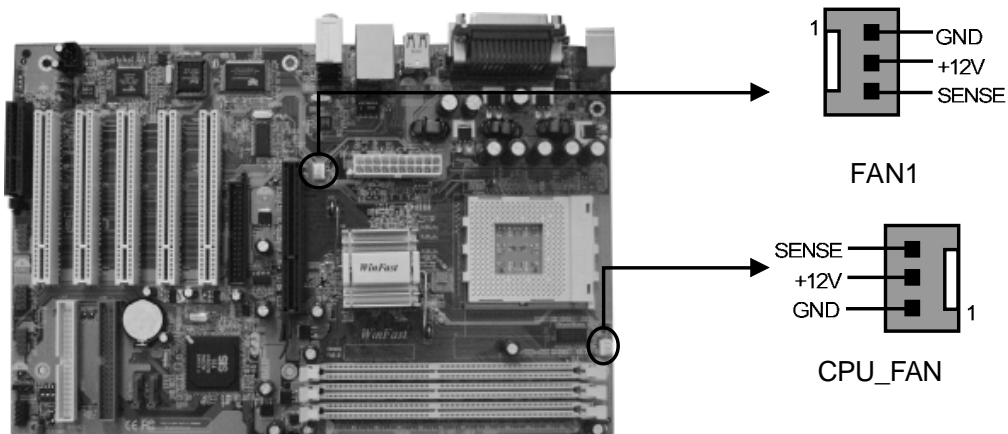
5. Front Panel Connector: FP

Attach the power LED, IDE LED, reset switch and power switch connectors to the corresponding pins.



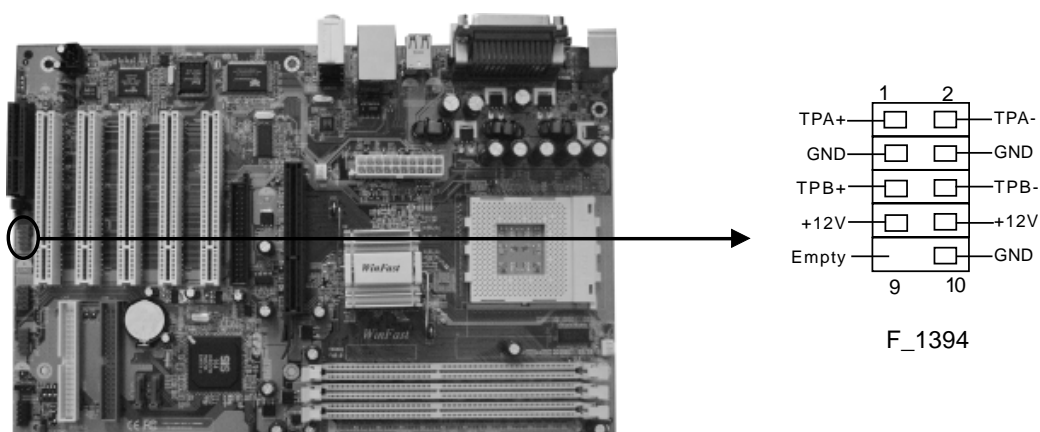
6. CPU_FAN & FAN1

Plug the CPU cooling fan cable into the 3-pin CPU_FAN power supply on the mainboard. Connect the case cooling fan connector to FAN1.



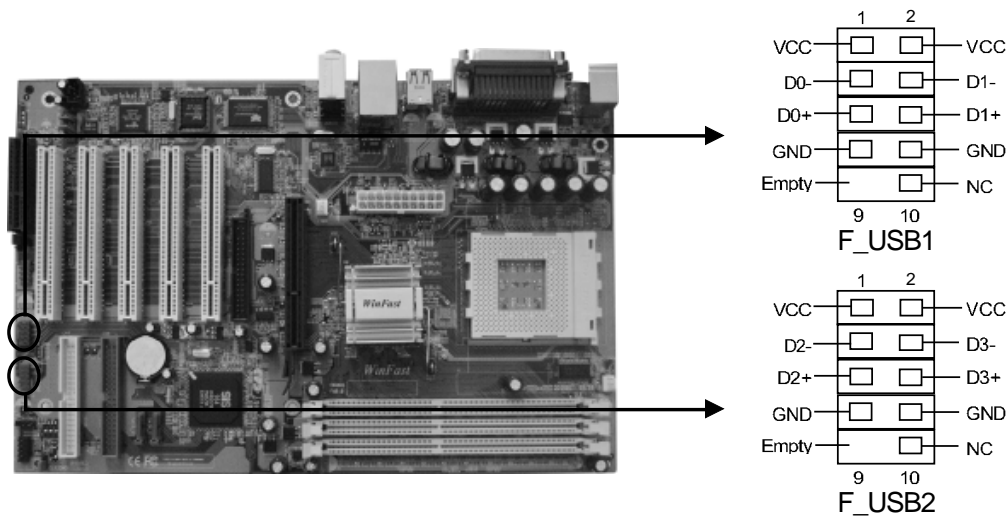
7. 1394 Header (optional): F_1394

The 1394 expansion cable can be connected to either the front (provided that the front panel of your chassis is equipped with the appropriate interface) or rear panel of the chassis.



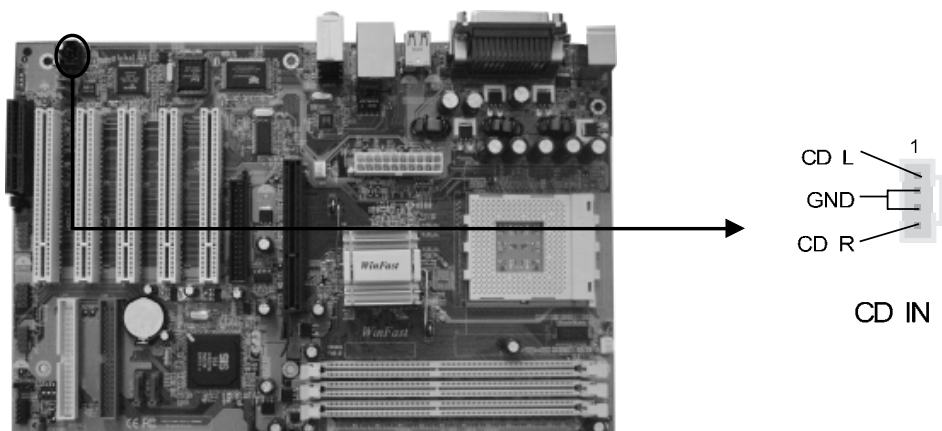
8. USB Header: F_USB1, F_USB2

The USB header is available for additional USB port if the USB ports on the rear panel are inadequate. Compared to traditional USB 1.1 with the speed of 12Mbps, USB 2.0 has a fancy speed up to 480Mbps, which allows faster Internet connection, interactive gaming, and simultaneous running of high-speed peripherals.



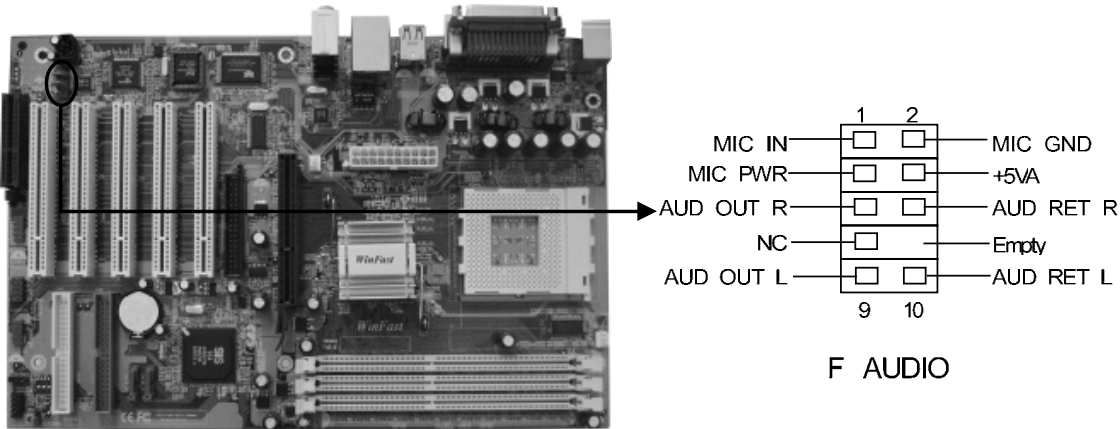
9. CD_IN Connector: CD_IN

CD_IN is Sony standard CD audio connector. It can be connected to a CD-ROM drive through a CD audio cable.



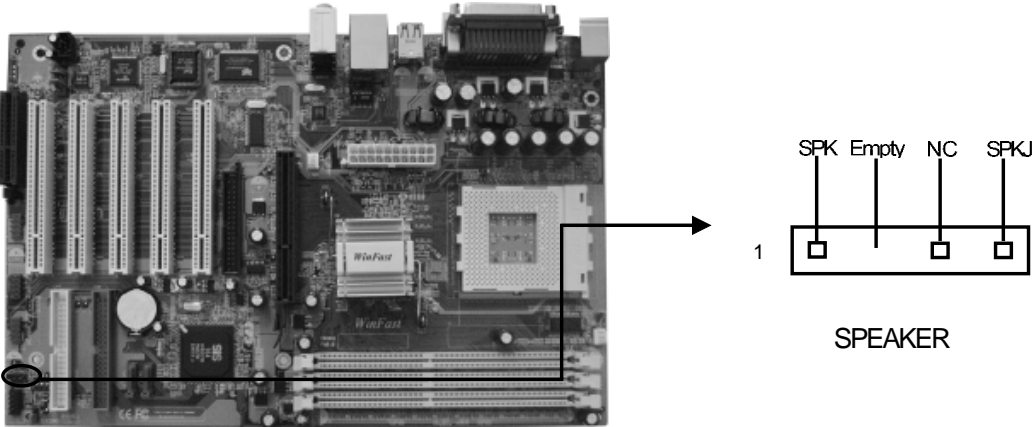
10. Front Audio Connector: F_AUDIO

The audio interface provides two kinds of audio output choices: the Front Audio, the Rear Audio. Their priority is sequenced from high to low (Front Audio to Rear Audio). If headphones are plugged into the front panel of the chassis (using the Front Audio), then the Line-out (Rear Audio) on the rear panel will not work. If you do not want to use the Front Audio, pin 5 and 6, pin 9 and 10 must be SHORT, and then the signal will be sent to the rear audio port.



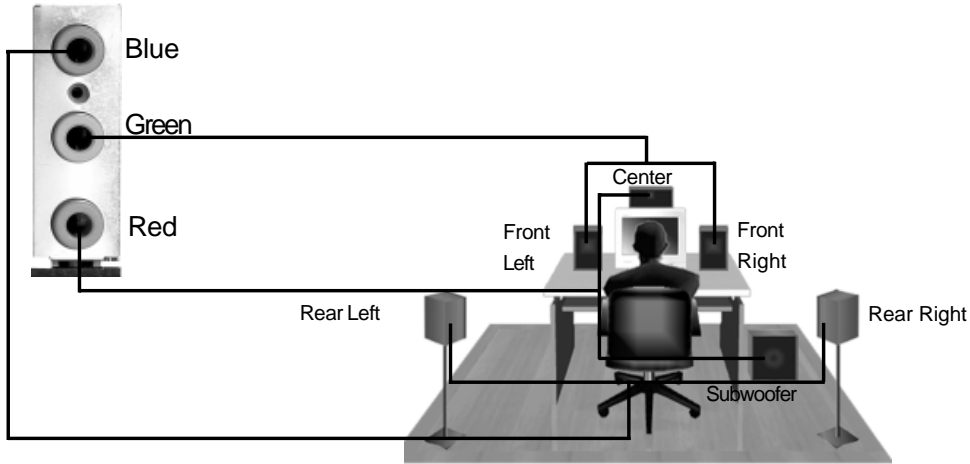
11. Speaker Connector: SPEAKER

The speaker connector is used to connect speaker of the chassis.



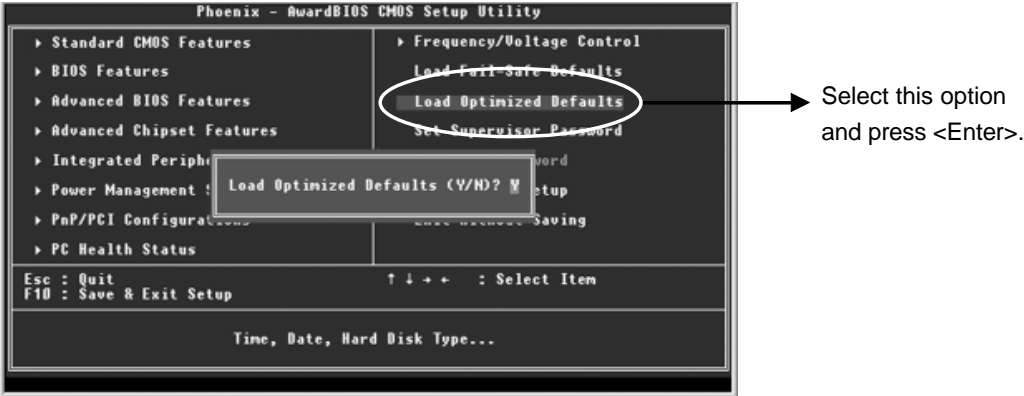
12. 5.1 Channel Audio Effects

The motherboard is equipped with the Realtek ALC655 chip, which provides support for 6-Channel audio output, including 2 front, 2 rear, 1 center and 1 subwoofer channel. ALC655 allows the board to attach 4 or 6 speakers for a better surround sound effect. To apply this function, you have to install the audio driver in utility CD as well as an audio application supporting 5.1 Channel. Picture below represents the standard location of all speakers in 5.1 Channel sound track.



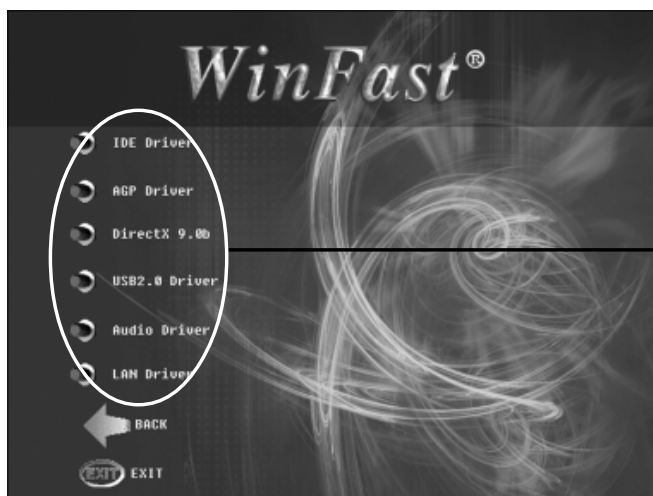
13. Power on and Load Optimized Defaults

After you finish the setting of jumpers and connect correct cables, power on the system and press during POST (Power On Self Test) to enter the BIOS Setup Utility. Choose "Load Optimized Defaults" for recommended optimal performance. Please make sure your system components are good enough for optimized defaults.



14. WinFast Utility CD

This motherboard comes with one Utility CD. To begin using the CD, simply insert the CD disc into the CD-ROM drive. The CD will automatically bring up the main menu screen. Click "Install Driver", then click the relevant button to install IDE Driver, AGP Driver, DirectX 9.0b, USB2.0 Driver, Audio Driver and LAN Driver from this CD.



Follow the screen order to install the motherboard drivers.