



Quick Installation Guide

Sapphire Pure Innovation 760G

PI-AM3RS760G2

AMD 760G/ Socket AM3 Series Mainboard

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Manual Revision 1.0

October, 2010

Federal Communications Commission (FCC) Statement

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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 instructions contained in this manual, may cause harmful interference to radio and television communications. However, there is no guarantee that interference will not occur in a particular installation.

If this product 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 product into 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.

 Note1: Connecting this device to peripheral devices that do not comply with Class B requirements, or using an unshielded peripheral data cable, could also result in harmful interference to radio or television reception

Note2: The user is cautioned that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this product.

Note3: To ensure that the use of this product does not contribute to interference, it is necessary to use shielded I/O cables

CE: Radiation of EN 55022 & Immunity of EN 55024

Waste Electrical and Electronic Equipment (WEEE) Statement

To protect the global environment, this product must be sent to separate collection facilities for recovery and recycling.



DISPOSAL

Do not dispose of this product as unsorted municipal waste. Collect such waste separately for special treatment.



Environmental Safety Considerations

- Avoid locations where it is dusty, humid or may suffer from extreme temperatures. Do not place the product in any area where it may become wet.
- The suitable ambient operating temperature is between 0 to 40 degrees centigrade.
- Dramatic changes in temperature may lead to malfunction due to constant thermal expansion and contraction from the solder spots that connect components to the PCB. When moving computers from a cold environment to a warmer one, please do not try to turn the computer on until it has had a chance to warm up naturally. This reduces the chance of condensation inside the computer, which could lead to water droplets forming on the PCB or the surface of the components leading to phenomena as minor as computer instability resulting from corrosion and oxidation or as major as a short circuit that can burn out the components.
- Excessive temperature of the capacitors may decrease the life of computer. Ensure adequate ventilation in your system case otherwise heat buildup may decrease the life of the Mainboard or other devices.
- When over-clocking, please pay particular attention to the heat sink temperature. Higher temperatures may decrease the life of the device and burn out the capacitors.

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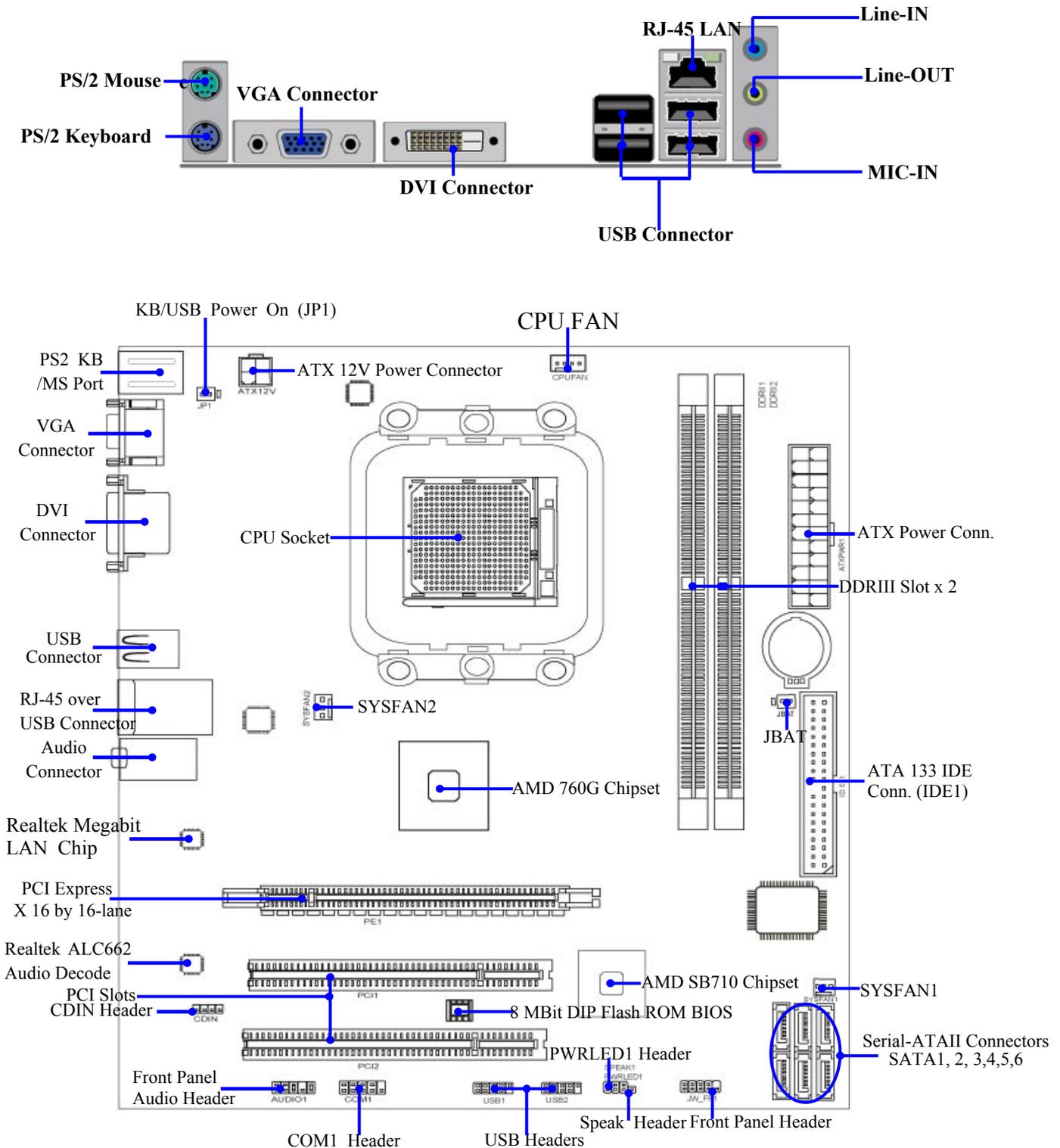
Chapter 1 Introduction

1-1 Specification

Spec.	Description
Design	<ul style="list-style-type: none">● Micro ATX form factor, Size:24.5cm*20.0cm
Chipset	<ul style="list-style-type: none">● AMD 760G North Bridge Chipset● AMD SB710 South Bridge Chipset
CPU Socket	<ul style="list-style-type: none">● Supports AMD Phenom™ II / Athlon™ II / Sempron™ 100 Series CPU's in AM3 Socket● Supports HT 3.0
Integrated Graphics	<ul style="list-style-type: none">● ATI Radeon HD 3000 (Microsoft DX 10 Support)
Memory Sockets	<ul style="list-style-type: none">● 240-pin DDRIII Module slot x 2● Support 2pcs DDRIII 800/DDRIII 1066/DDRIII 1333 modules expandable to 8GB● Dual channel supported
Expansion Slots	<ul style="list-style-type: none">● 1 x PCI-Express 2.0 x16 lane slot● 2 x 32-bit PCI slots
Storage	<ul style="list-style-type: none">● One IDE controller supports PCI Bus Mastering, ATA PIO/DMA and ULTRA DMA 33/66/100/133 functions, delivering data transfer rates up to 133 MB/s for two IDE devices● Six Serial ATA2 ports providing 300 MB/sec data transfer rates with RAID 0, 1, 10, JBOD functions
Ethernet LAN	<ul style="list-style-type: none">● Integrated PCI-E 10/100 LAN chip● Supports Fast Ethernet LAN function providing 10Mb/100Mbps data transfer rate
6 CH-Audio	<ul style="list-style-type: none">● Realtek ALC662 HD Audio 6-channel Audio Codec integrated● Audio driver and utility included
BIOS	<ul style="list-style-type: none">● AMI 8MB DIP Flash ROM BIOS
Multi I/O	<ul style="list-style-type: none">● PS/2 keyboard and PS/2 mouse connectors● DVI Connector x1● VGA Connector x1● USB 2.0 port x4 and header x2● RJ-45 LAN Connector x1● Audio connector x1(Line-in, Line-out, MIC)● IDE connector x1/ SATA connector x 6● Serial Port header x1● CDIN header x1● Audio header x1

1-2 Mainboard Layout

Rear I/O and layout for Pure Innovation 760G (PI-AM3RS760G2)



Chapter 2 Installation

2-1 Before You Begin

Turn off the power to your system and discharge your body's static electric charge by touching a grounded surface—for example, the metal surface of the power supply—before performing any hardware procedure.

2-2 Installing the I/O Shield

Install the I/O shield before installing the mainboard in the chassis. Place the shield inside the chassis. Press the shield into place so that it fits tightly and securely.

2-3 Securing to the Chassis

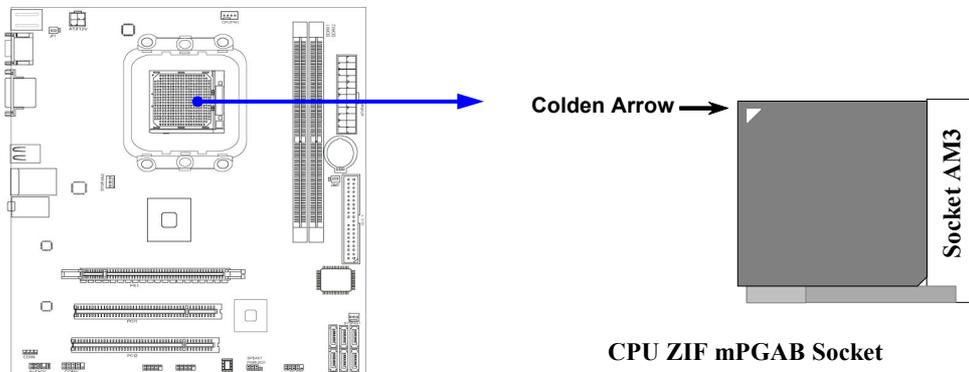
When installing the mainboard, you have to secure the mainboard into the chassis by fastening with nine screws. Please refer to your chassis manual for instructions on installing.

2-4 Installing CPU and FAN sink

The mainboard provides a socket AM3 surface mount, Zero Insertion Force (ZIF) socket, referred to as the mPGA940 socket supporting AMD AM3 processors.

The CPU should have a cooling FAN attached to prevent overheating. If this is not the case, then purchase and install an appropriate cooling FAN before you turn on your system.

To install the CPU, first turn off your system and remove its cover. Locate the ZIF socket and open it by first pulling the lever sideways away from the socket then upward to a 90-degree angle. Insert the CPU with the correct orientation as shown below. The notched corner should point toward the end of the lever. Because the CPU has a corner pin for two of the four corners, the CPU will only fit in the orientation as shown.



No force is required to insert the CPU into the ZIF socket. Move the lever slightly to get the correct alignment if it does not drop into the socket without force.

2-5 Installing System Memory

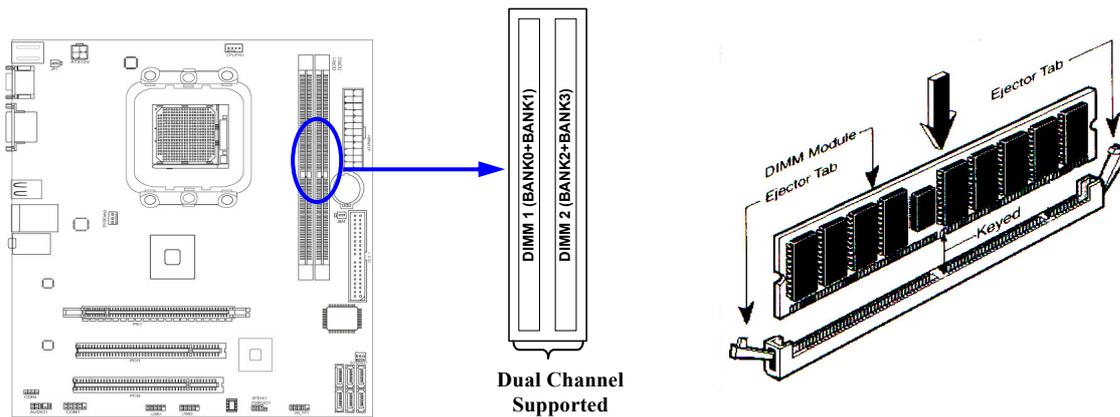
This mainboard has two 240-pin DIMM slots for DDR3 memory. These slots support 1GB, 2GB and 4GB DDR3 DIMMs.

Make sure that you install memory modules of the same type and density in the correct DIMM sockets for Dual-Channel mode.

There must be at least one memory bank populated to ensure normal operation and always insert the memory module into DIMM slot 1 first.

Memory Configuration:

Bank	240-Pin DIMM	PCS	Total Memory
Bank 0, 1 (DDRIII 1)	DDRIII 800/DDRIII 1066/DDRIII 1333	X1	4GB
Bank 2, 3 (DDRIII 2)	DDRIII 800/DDRIII 1066/DDRIII 1333	X1	4GB
Total	Memory (Max.4GB)	2	8GB



Memory Installation:

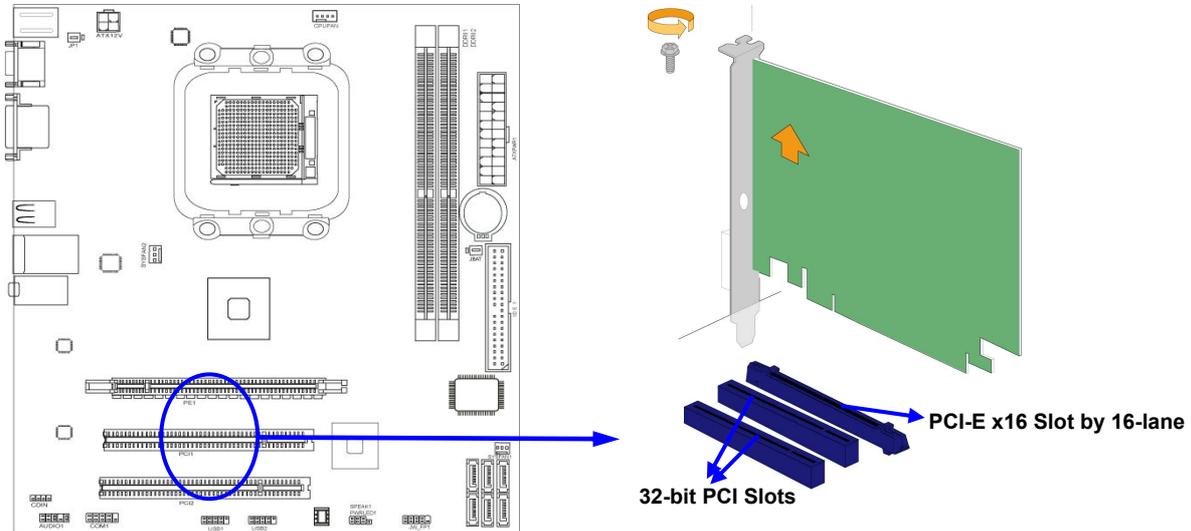
DDR3 and DDR2 memory modules are physically different. Please only install DDR3 DIMMs in this mainboard.

To install the DIMM, follow these steps:

1. Pull both clips on either side of the slot outwards. Align the DIMM module with the slot ensuring that the notch in the DIMM lines up with the protrusion in the slot.
2. Press straight down until the plastic clips close and the module fits tightly into the DIMM slot.

2-6 Installing Expansion cards

The mainboard provides one PCI Express x16 slot and two PCI slots.



PCI-E Slots

To install a PCI Express card:

1. Place the card in an available PCI Express slot and press down on the card until it is completely seated in the slot. If the card is not seated properly, it could cause a short across the pins.
2. Secure the card's metal bracket to the chassis back panel with a screw.

PCI Slot

The PCI slots provided support a variety of expansion cards such as a LAN card, USB card, SCSI card and other cards that comply with PCI specifications. When installing a card into a PCI slot, be sure that it is fully seated. Secure the card's metal bracket to the chassis back panel with a screw.

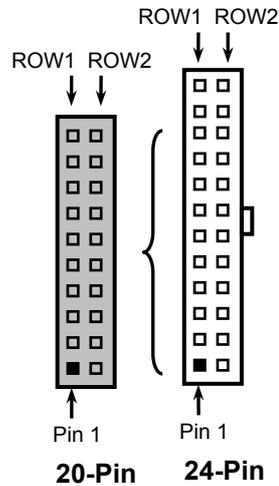
2-7 Connectors

(1) Power Connector (24-pin block): ATXPWR1

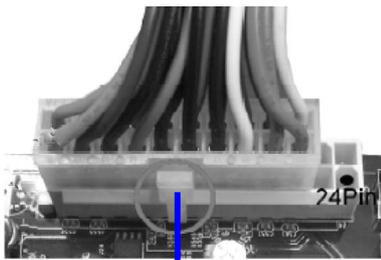
ATXPWR1 is the main power supply connector. Make sure that the power supply cable and pins are properly aligned with the connector on the mainboard. Firmly plug the power supply cable into the connector and make sure it is secure.

Note: If you'd like to use the 20-pin ATX power supply, please plug your power supply aligning with pin 1 & pin 13. The 24-pin main power

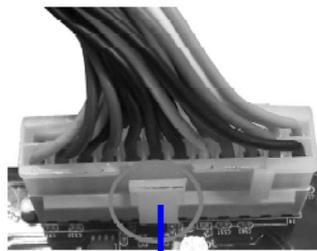
connector is backwardly compatible with ATX power supplies with 20-pin connectors.



PIN	ROW1	ROW2
1	3.3V	3.3V
2	3.3V	-12V
3	GND	GND
4	5V	Soft Power On
5	GND	GND
6	5V	GND
7	GND	GND
8	Power OK	-5V
9	+5V (for Soft Logic)	+5V
10	+12V	+5V
11	+12V	+5V
12	+3V	GND



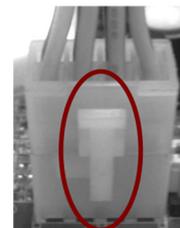
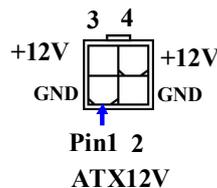
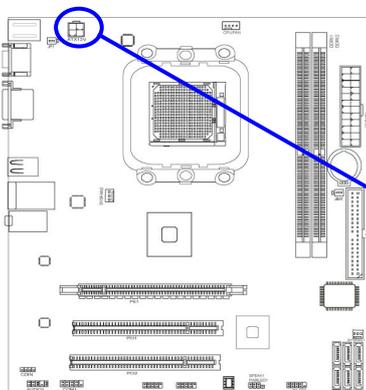
20-pin power plug



24-pin power plug

(2) ATX 12V Power Connector (4-pin block): ATX12V

ATX12V, the 4-pin ATX 12V power connector, is used to provide power to the CPU. Align the power plug to the connector and press firmly until seated.



(3) PS/2 Mouse & PS/2 Keyboard Connector: KB

These connectors are for a PS/2 keyboard and PS/2 Mouse.

(4) USB Port connector: CN5/ UL1 for USB

These are 4-pin connectors that connect USB devices to the system.

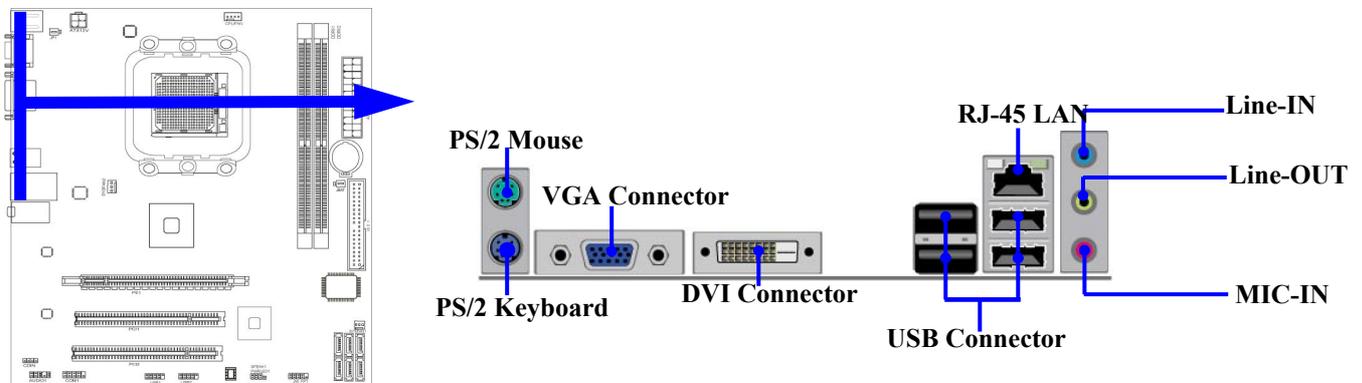
(5) LAN Port connector: UL1 for RJ-45 LAN

A standard RJ45 connector for network access supporting 10M/100 Mbps data transfer rate.

(6) Audio Line-In, Line-Out, MIC Connector: CN3

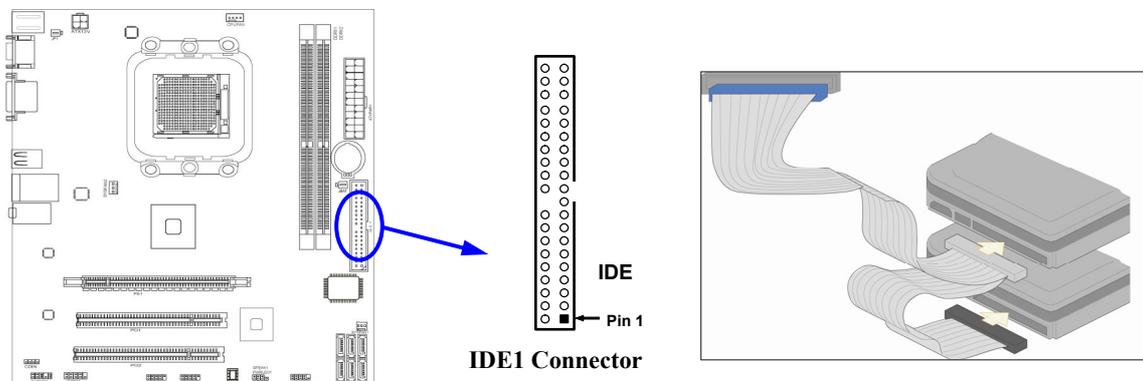
3 Phone-Jack for LINE-IN, LINE-OUT and MIC audio connections.

- Line-in: (BLUE)** Audio input to sound chip
- Line-out: (GREEN)** Audio output to speaker
- MIC: (PINK)** Microphone Connector

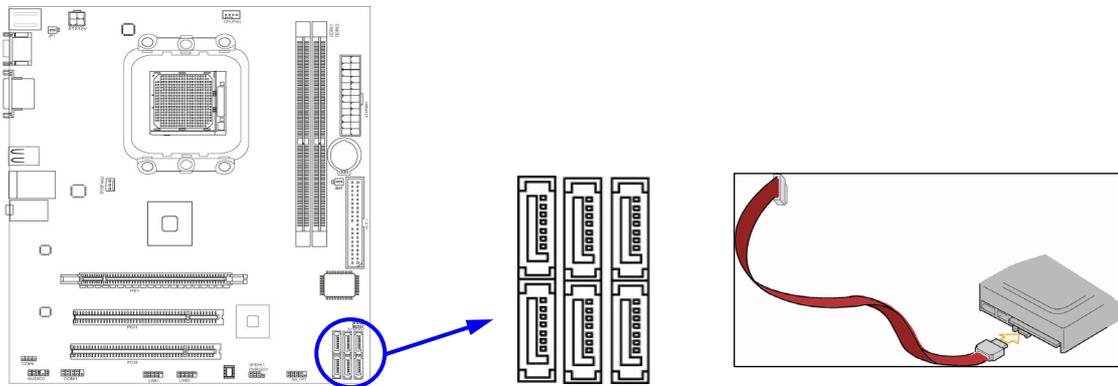


(7) Primary IDE Connector (40-pin block): IDE1

The IDE connector supports Ultra ATA 133/100 IDE hard/optical disk drives. After connecting the single plug end to mainboard, connect the two plugs at other end to your hard disk(s). If you install two hard disks, you must configure the second drive to Slave mode by setting its jumpers accordingly. Please refer to the documentation of your hard / optical disk for the jumper settings.



- (8) Serial-ATA Port connector: SATA1, SATA 2, SATA3, SATA4, SATA5, SATA6**
 These allow connection of Serial ATA2 hard / optical disks to the mainboard using the Serial ATA2 IDE cables provided.

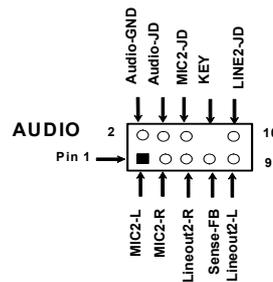
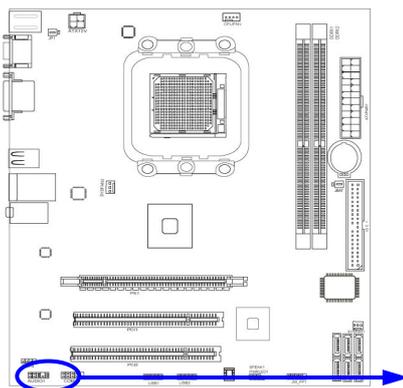


- (9) D-Sub 15-pin Connector: VGA**
 15-pin D_Sub VGA connector for attaching display devices such as CRT and LCD monitors.

- (10) Digital Visual Interface: DVI**
 A pure Digital interface standard designed to maximize the visual quality of digital display devices such as flat panel LCD computer displays and digital projectors.

2-8 Headers

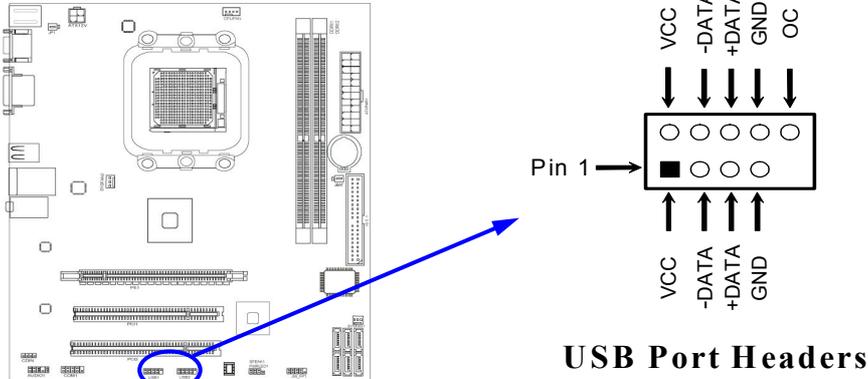
- (1) Line-Out/MIC Header for Front Panel (9-pin): AUDIO1**
 These headers connect to the Front Panel Line-out and MIC connectors.



Line-Out, MIC Headers

(2) USB Port Headers (9-pin): USB1/USB2

These headers are used for connecting the additional USB ports. By attaching an optional USB port cable, you can provide two additional USB ports on the back panel.



(3) Speaker connector: SPEAK1

This 4-pin connector connects to the case-mounted speaker. See the figure below.

(4) Power LED: PWR LED/PWRLED1

The Power LED will be illuminated when the system power is on. Connect the Power LED from the system case to this pin.

(5) IDE Activity LED: HD LED

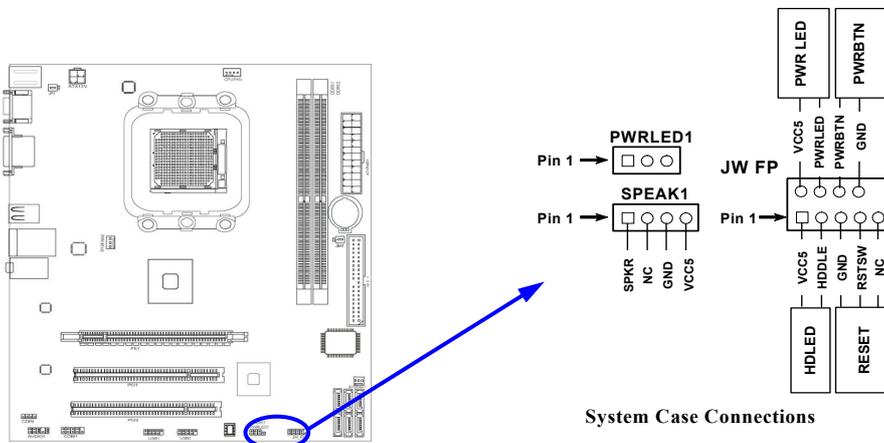
This connector connects to the hard disk activity indicator light on the case.

(6) Reset switch lead: RESET

This 2-pin connector connects to the case-mounted reset switch for resetting your computer without having to turn off the power switch. This is a preferred method of rebooting in order to prolong the life of the system's power supply. See the figure below.

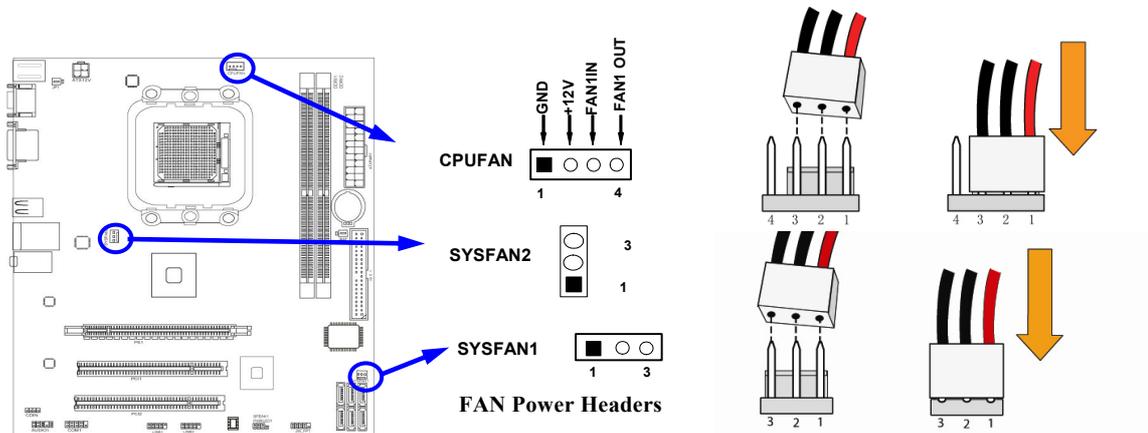
(7) Power switch: PWR BTN

This 2-pin connector connects to the case-mounted power switch to power ON/OFF the system.



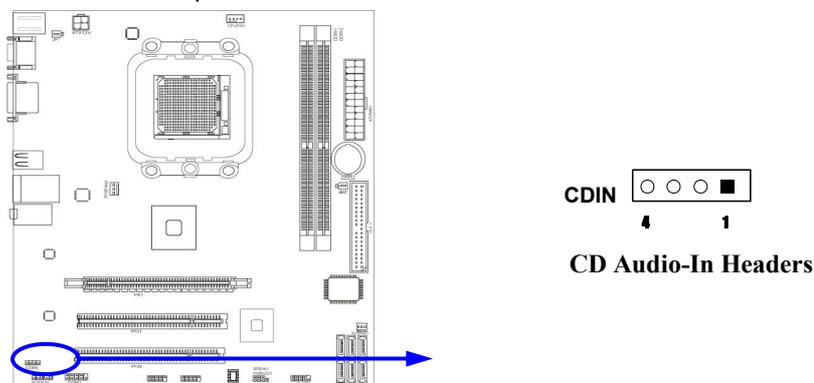
(8) FAN Headers: SYSFAN1 (3-pin), SYSFAN2 (3-pin), CPUFAN (4-pin)

These connectors support cooling fans up to 350mA (4.2 Watts). Depending on the fan manufacturer, the wire and plug may be different. The red wire should be positive, while the black should be ground. Connect the fan's plug to the board taking into consideration the polarity of connector.



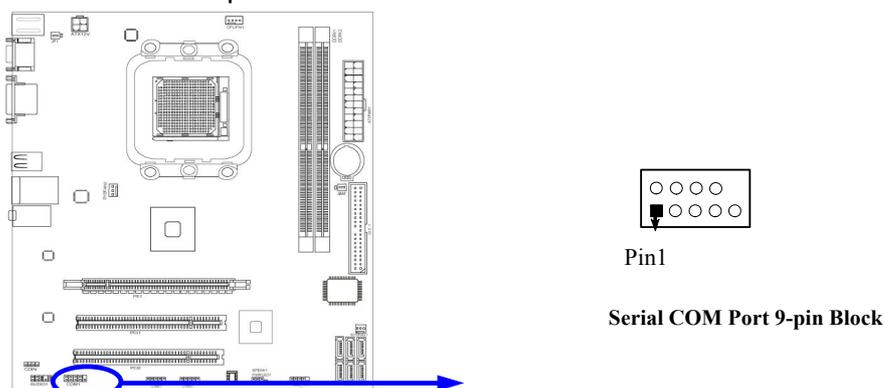
(9) CD Audio-In Headers (4-pin): CDIN1

CDIN is the connector for CD-Audio Input signal. Please connect it to the CD-ROM CD-Audio output connector.



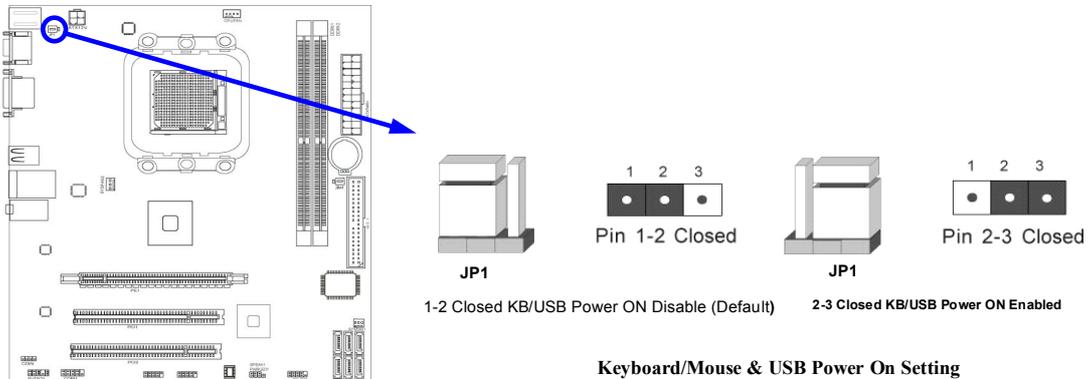
(10) Serial COM Port header: COM1

COM1 is the 9-pin Serial Port header.



2-9 Jumper Setting

(1) Keyboard/USB function Enabled/Disabled: JP1



(2) CMOS RAM Clear (3-pin): JBAT

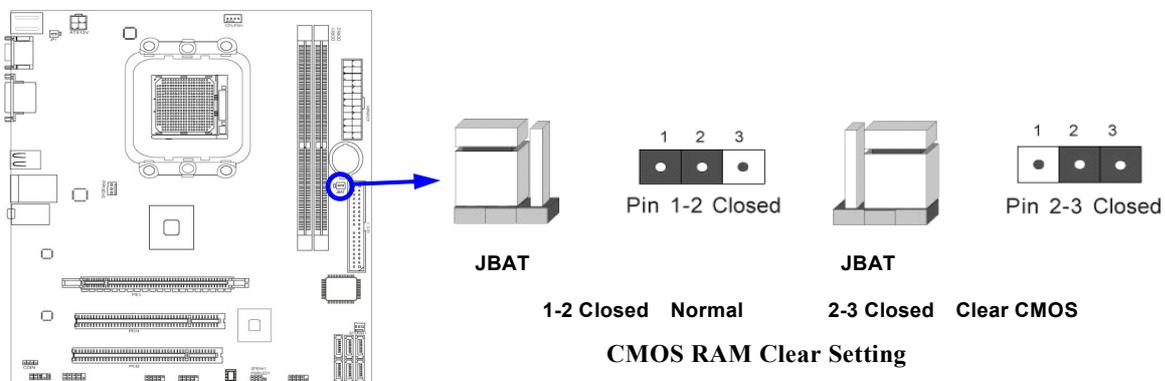
A battery must be used to retain the mainboard configuration in CMOS RAM. Connecting pins 1 and 2 of JBAT is the normal position, storing the CMOS data.

To clear the CMOS, follow the procedure below:

1. Turn off the system and unplug the AC power
2. Remove ATX power cable from ATX power connector on the mainboard
3. Locate JBAT and short pins 2-3 for a few seconds (move the jumper from 1-2 to 2-3)
4. Return JBAT to its normal setting on 1-2
5. Reconnect the ATX power cable back to ATX power connector on the mainboard.

Note: When should you clear the CMOS?

1. Troubleshooting
2. If you forgot the system password
3. If the system fails to boot after over clocking (to recover the default clock settings)



Chapter 3 Configuring the BIOS

This chapter provides information on the BIOS Setup program and allows you to configure the system for optimum use.

3-1 Enter BIOS Setup

The BIOS is the communication bridge between hardware and software. Correctly setting the BIOS parameters is critical to maintain optimal system performance.

Use the following procedure to change BIOS settings.

1. Power on the computer.
2. Press the **Del** key when the following message briefly shows upon the bottom of the display during Power On Self Test (POST).

Press F1 to continue, DEL to enter Setup.

Pressing Del takes you to the BIOS CMOS Setup Utility.

📌 Note1: It is strongly recommended that you do not change the default BIOS settings. Changing some settings could damage your computer.

📌 Note2: The BIOS options in this manual are for reference only. BIOS screens in manuals are usually the first BIOS version when the board is released and may be different from your purchased motherboard. Users are welcome to download the latest BIOS version from our official website

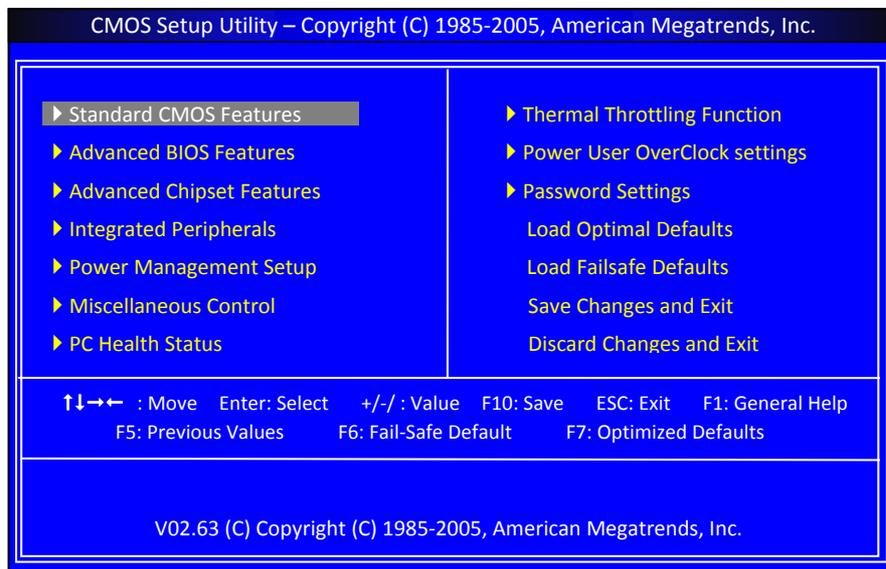
Control Keys

Please check the following table for the function description of each Control key.

Control Key(s)	Function Description
← / →	Moves cursor left or right to select Screens
↑ / ↓	Moves cursor up or down to select items
+ / -	To change option for the selected items
<Enter>	To bring up the selected screen
<F1>	To display the General Help Screen
<F6>	To Load Fail-Safe default values for all the settings
<F7>	To load optimal default values for all the settings
<F0>	To save changes and exit the BIOS SETUP UTILITY
<ESC>	To jump to the Exit Screen or exit the current screen

3-2 Main Menu

When entering the BIOS SETUP UTILITY, the main menu screen appears. The Main Menu allows you to select from 14 setup functions and 2 exit choices. Use arrow keys to select among the items and press <Enter> to accept or enter the sub-menu.



Standard BIOS Features

Use this Menu for basic system configurations.

Advanced BIOS Features

Use this menu to set the Advanced Features available on your system.

Advanced Chipset Features

Use this menu to change the values in the chipset registers and optimize your system's performance.

Integrated Peripherals

Use this menu to specify your settings for integrated peripherals.

Power Management Features

Use this menu to specify your settings for power management.

Miscellaneous Control

Use this menu to specify your settings for miscellaneous control.

PC Health Status

This field shows your PC health status.

Thermal Throttling Function

Use this menu to specify your settings for thermal throttling Function

Power User Overclock Settings

Use this menu to specify your settings (frequency, Voltage) for overclocking demand.

Password Settings

Use this menu to specify your settings for Supervisor password and User password.

Load Optimal Defaults

Use this menu to load the BIOS default values these are setting for optimal performances system operations for performance use.

Load Failsafe Defaults

This menu uses a minimal performance setting, but the system would run in a stable way.

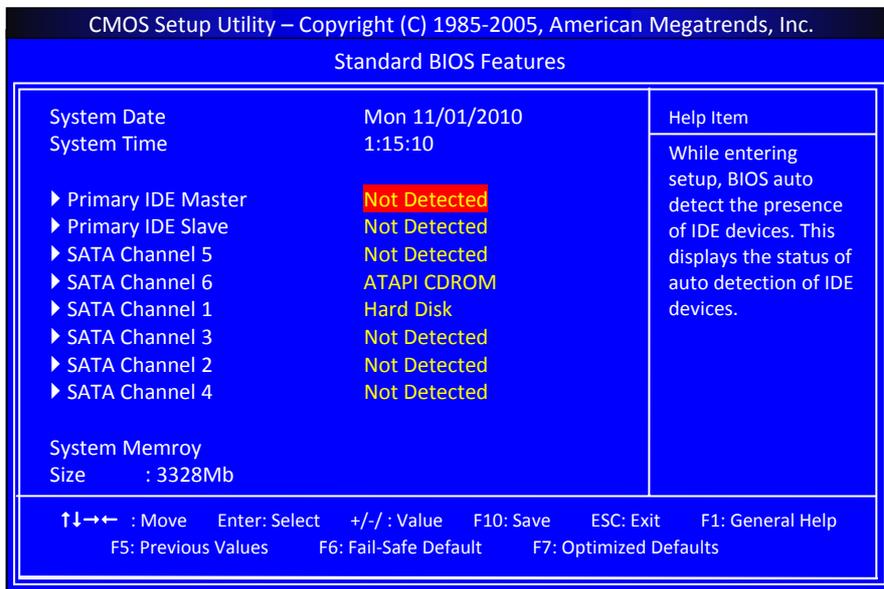
Save Changes and Exit

Save CMOS value changes to CMOS and exit setup.

Discard Changes and Exit

Abandon all CMOS value changes and exit setup.

3-3 Standard CMOS Features



System Date

Allows you to set the system date. The format is <Day><Month><Date><Year>.

[Day] Weekday from Sun. to Sat., this is automatically displayed by BIOS.

[Month] The month from 1 to 12.

[Date] The date from 1 to 31 can be keyed by numeric function keys.

[Year] The year can be adjusted by users.

System Time

Allows you to set the system time. The time format is <hour>:<minute>:<second>.

Primary IDE Master / Slave

Sets the IDE configuration for the device that you specify.

SATA Channel 5/6/1/3/2/4

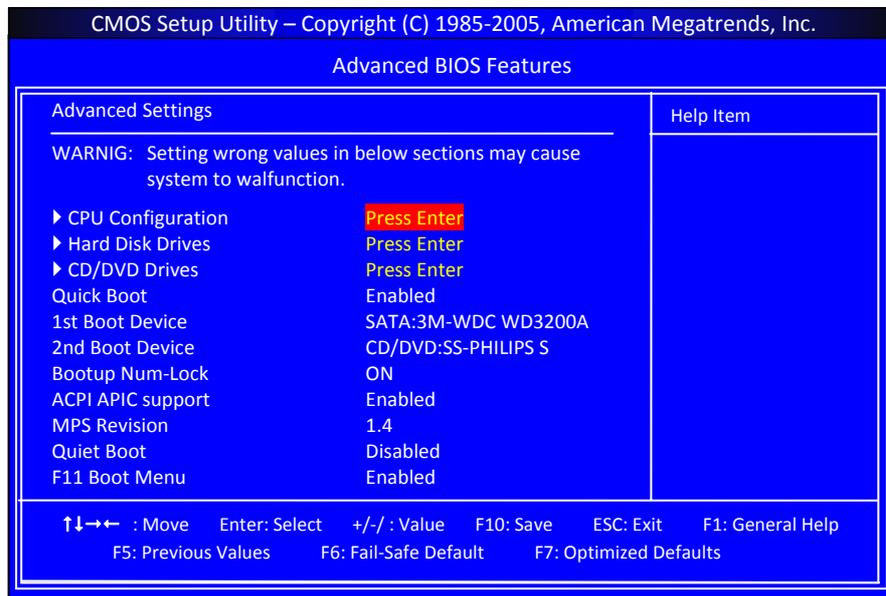
Use these functions to detect and configure the SATA channels.

System Memory

This item will show information about the memory modules(s) installed.

3-4 Advanced BIOS Features

Use this menu to set the Advanced Features available on your system.



CPU Configuration

Allows you adjust the CPU related settings.

Quick Boot

Allows BIOS to skip certain tests while booting. This will decrease the needed to boot the system.

1st Boot Device / 2nd Boot Device

Allows you to set the first/ second boot device where BIOS attempts to load the disk operating system.

Boot Up NumLock Status

The default value is On.

On (default) Keypad is numeric keys.

Off Keypad is arrow keys.

ACPI APIC Support

Include ACPI APIC table pointer to RSDT pointer list.

MPS Revision

This option is only valid for multiprocessor motherboards as it specifies the version of the Multiprocessor Specification (MPS) that the motherboard will use.

Quiet Boot

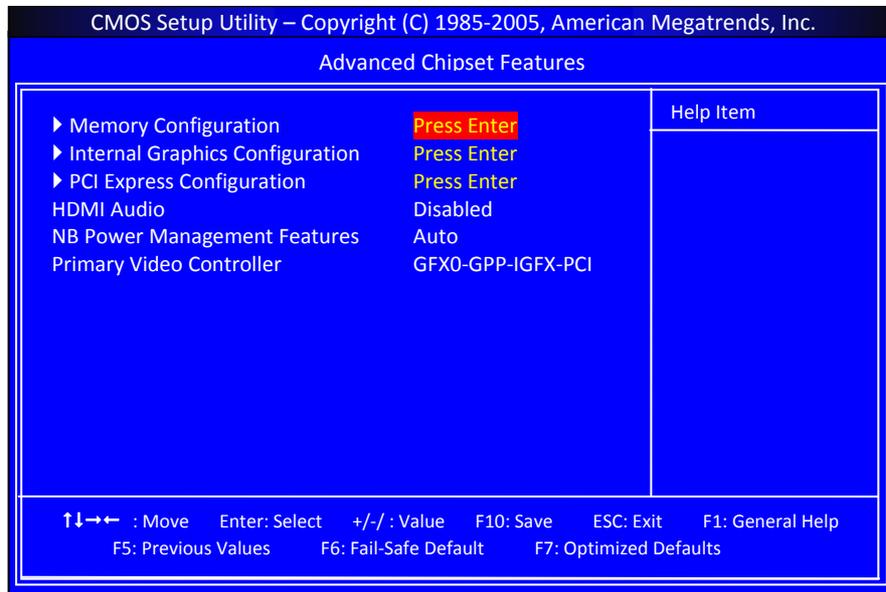
The optional settings are Enabled and Disable.

Disabled: Display normal POST message.

Enabled: Displays OME logo instead of POST message.

3-5 Advanced Chipset Features

The Advanced Chipset Features Setup option is used to change the values of the chipset registers. These registers control most of the system options in the computer.



▶ Memory Configuration

Press <Enter> to enter the sub-menu and specify your settings for Memory Configuration adjust.

▶ Internal Graphics Configuration

Press <Enter> to enter the sub-menu and specify your settings for Internal Graphics Configuration.

▶ PCI Express Configuration

Press <Enter> to enter the sub-menu and specify your settings for PCI Express Configuration.

HDMI Audio

Use this item to select HDMI audio, the optional settings are: Disabled and Enabled.

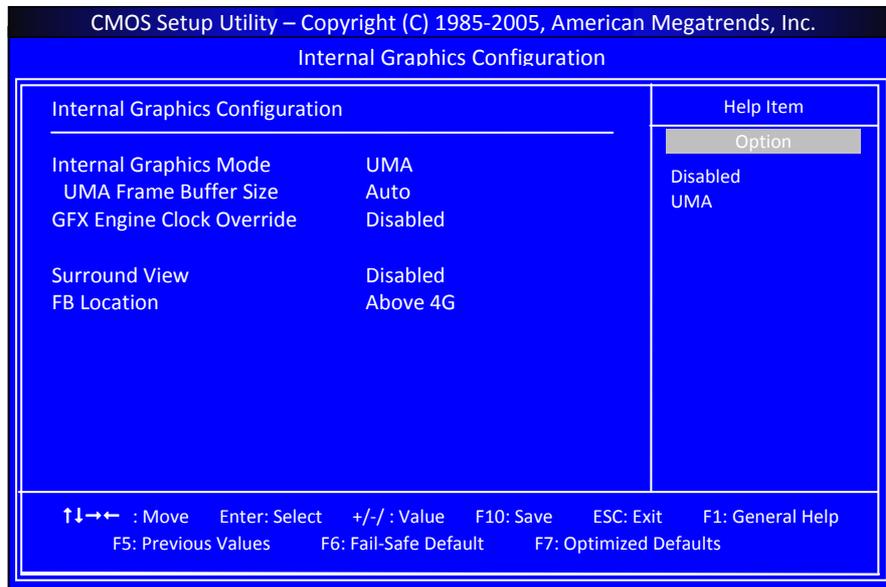
NB Power Management Features

Dynamic clock gating for IOC/NT/MCU/CFG. Default is Enabled.

Primary Video Controller

This item is for user to choose primary video controller.

3-6 Internal Graphics Configuration



Internal Graphics Mode

Allows you to select internal graphics mode. The optional settings are Disabled and UMA.

UMA Frame Buffer Size

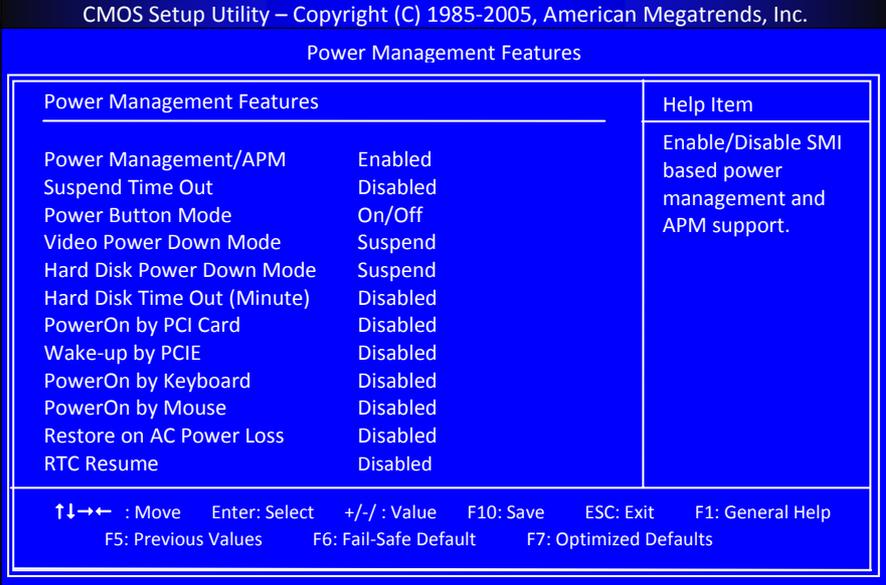
Allows you to select UMA frame buffer size. The optional settings are: Auto; 32MB; 64 MB; 128 MB; 256 MB and 512 MB.

Surround View

The item is used for Hybrid CrossFire function. The optional settings are: Enabled; Disabled.

3-7 Power Management Features

The Power Management Setup allows you to configure your system to most effectively save energy saving while operating in a manner consistent with your own style of computer use.



Power Management Features		Help Item
Power Management/APM	Enabled	Enable/Disable SMI based power management and APM support.
Suspend Time Out	Disabled	
Power Button Mode	On/Off	
Video Power Down Mode	Suspend	
Hard Disk Power Down Mode	Suspend	
Hard Disk Time Out (Minute)	Disabled	
PowerOn by PCI Card	Disabled	
Wake-up by PCIE	Disabled	
PowerOn by Keyboard	Disabled	
PowerOn by Mouse	Disabled	
Restore on AC Power Loss	Disabled	
RTC Resume	Disabled	

↑↓→← : Move Enter: Select +/- : Value F10: Save ESC: Exit F1: General Help
F5: Previous Values F6: Fail-Safe Default F7: Optimized Defaults

Power Management/APM

Use this item to enable or disable AMI based power management and APM support.

Suspend Time Out

If it is set Enabled and no activity during this time period, the BIOS will place the system into suspend low power state. The optional settings are: Enable; 1~64 minutes.

Power Button Mode

The optional settings are: On/Off; Suspend.

PowerOn by PCI Card

Allows PCI Card to wake-up the system from Soft-off state.

PowerOn by Keyboard

Allows Keyboard to wake-up the system from Soft-off state.

PowerOn by Mouse

Allows Mouse to wake-up the system from Soft-off state.

Video Power Down Mode

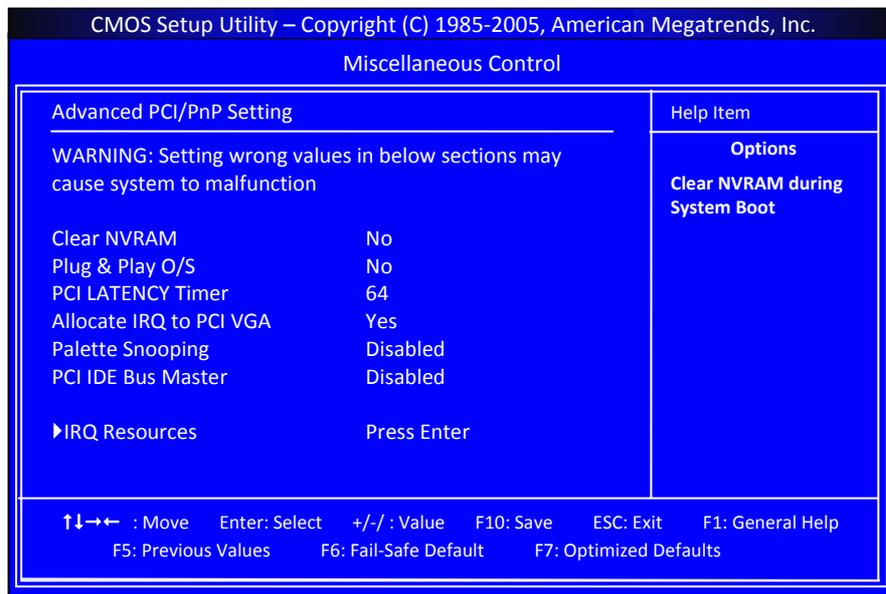
The optional settings are: Disabled; Standby and Suspend.

Restore on AC Power Loss

The optional settings are: Disabled; Power on; Power Off and last state.

3-8 Miscellaneous Controls

Use this menu to specify your settings for Miscellaneous Control.



Plug & Play O/S

The optional settings are: No; Yes

No: Let the BIOS configure all the devices in the system.

Yes: Let the operating system configure Plug and Play devices, not required for boot if your system has a Plug and Play system.

Allocate IRQ for PCI VGA

The optional settings are: No; Yes.

Yes: Assigns IRQ to PCI VGA card if card requests IRQ.

No: Does not assign IRQ to PCI VGA card even card requests an IRQ.

Palette Snooping

The optional settings are: Enabled; Disabled.

Enable: inform the PCI device that an ISA graphics devices is installed in the system so the card will function correctly.

PCI IDE Bus Master

The optional settings are: Enabled; Disabled.

Enable: BIOS uses PCI bus mastering for reading/writing IDE devices.

IRQ Resources

This item is used to specify IRQ (interrupt request) available to be used by PCI/PnP devices, or select Reserved for Legacy ISA devices.

Options: Available, Reserved.

3-9 PC Health Status

This section shows the Status of you CPU, Fan, and Warning for overall system status. This is only available if there is Hardware Monitor onboard.

Advanced PCI/PnP Setting		Help Item
CPU Temperature	:34°C/93°F	
System Temperature	:28°C/82°F	
CPUFAN Speed	: 3068 RPM	
SYSFAN1 Speed	: N/A	
SYSFAN2 Speed	: N/A	
Vcore	: 1.368V	
NB 1.1V	: 1.168V	
5V_SYS	: 4.966V	
12V_SYS	: 12.302V	
VDIMM	: 1.600V	

↑↓←→ : Move Enter: Select +/- : Value F10: Save ESC: Exit F1: General Help
F5: Previous Values F6: Fail-Safe Default F7: Optimized Defaults

CPU / System Temperature

Displays the current CPU and system temperature.

CPUFAN Speed /SYSFAN1 Speed/SYSFAN2 Speed

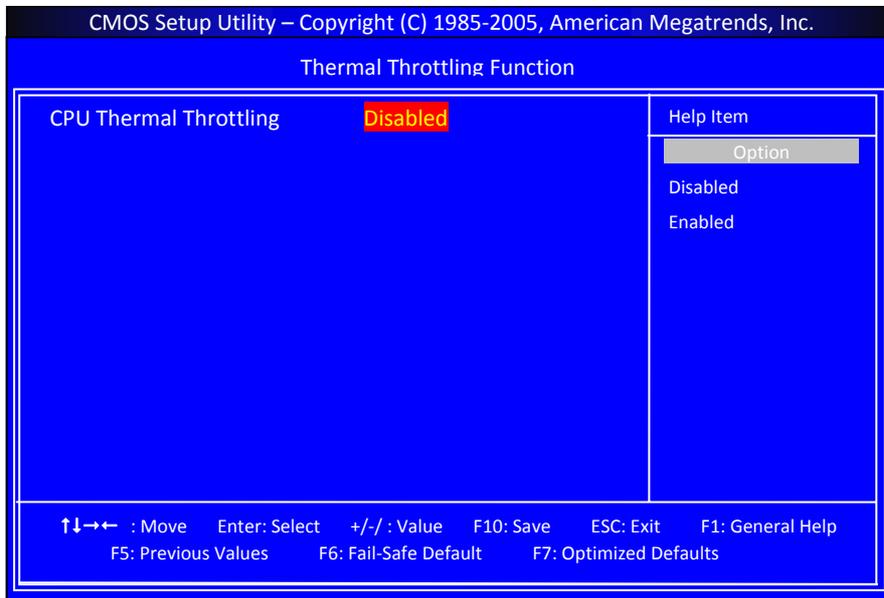
Displays the current CPU and system Fan Speed

VCore/NB 1.1V/5V_SYS/12V_SYS_VDIMM

The current voltages are automatically detected and displayed by the system.

3-10 Thermal Throttling Function

The selection is set for activating the active CPU Thermal Protection by flexible CPU loading adjustment in the range of temperature you define.

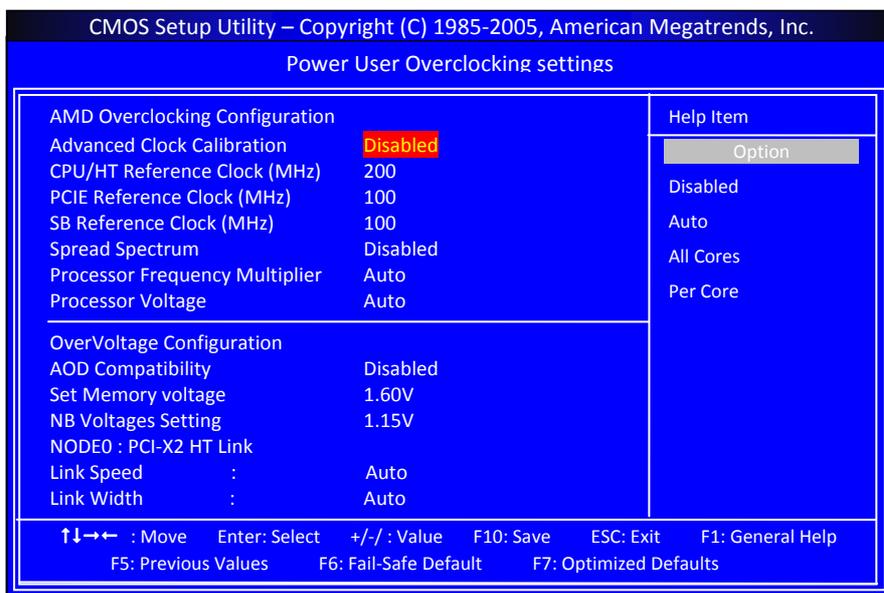


CPU Thermal Throttling

Use this item to enable or disable CPU thermal Throttling. The optional settings are: Enable; Disabled. When set as Enabled, the two following items will show.

3-11 Power User Overclock Settings

This section shows the Status of you CPU, Fan, and Warning for overall system status. This is only available if there is Hardware Monitor onboard.



CPU/HT Reference Clock

Use this item to set CPU/HT Reference Clock. The optional setting range is: 190~400 MHz.

PCI E Reference Clock

Allows you to select PCIE reference clock. The enabled setting is 100.

SB Reference Clock

Allows you to select SB reference clock. The enabled setting is 100.

Processor Voltage

Allows you to select processor voltage. The optional settings are: Auto, 0.800V~1.350V.

AOD Compatibility

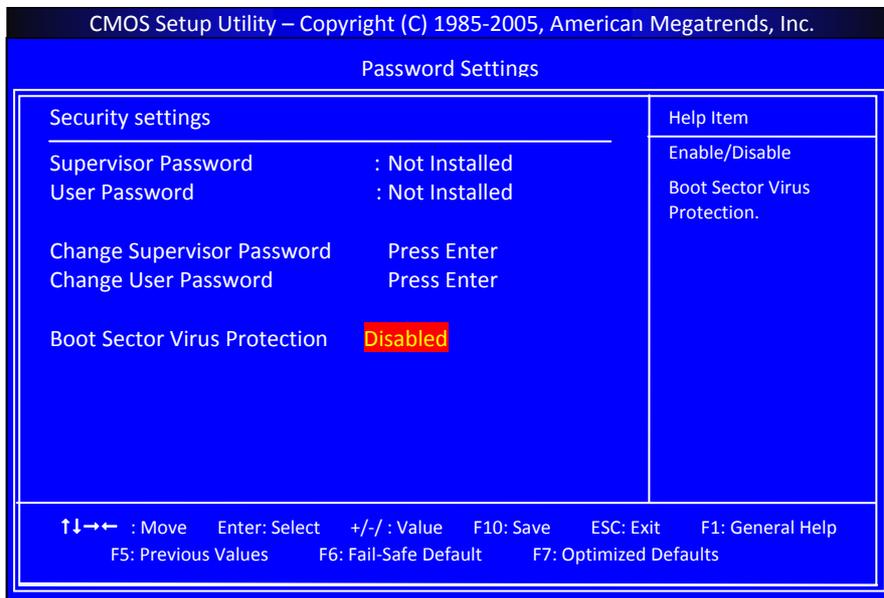
Choose Enabled means only AMD over drive can adjust voltage Choose Disabled means only BIOS can adjust voltage

Memory Clock Mode

Allows you to select memory clock mode. The optional settings are: Auto; Limit and Manual.

3-12 Password Setting

The menu allows you to change the system security settings.



Change Supervisor Password

This item is used to set or change supervisor password.

- To set a Supervisor Password:
 1. In the password box, key in a password number, then press <Enter>.
 2. Confirm the password when prompted.
 3. The message "Password Installed" appears after you successfully set your password.

-
-
- To change a Supervisor Password, following the same steps above to change your password.

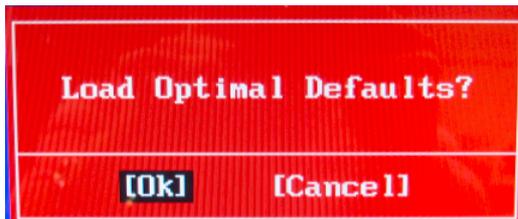
Change User Password

- To set a User Password:
 1. In the password box, key in a password number, then press <Enter>.
 2. Confirm the password when prompted.
 3. The message "Password Installed" appears after you successfully set your password.
- To change a User Password, following the same steps above to change your password

3-13 Load Defaults

Load Optimal Defaults

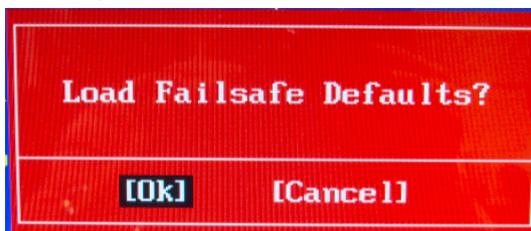
The Optimal defaults are the factory best settings of this motherboard. Always you to load the Optimal defaults after updating the BIOS or after clearing the CMOS values. When you select Load Optimized Defaults, a message as below appears:



Load Failsafe Defaults

The Fail-Safe Defaults are the default values set by the BIOS vendor for stable system performance.

When you select Load Optimized Defaults, a message as below appears:

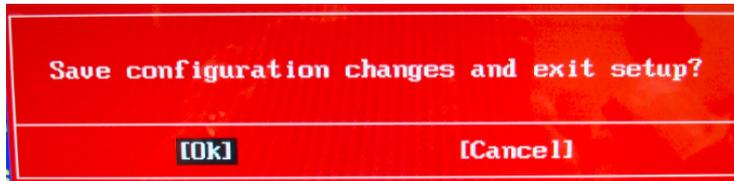


3-14 Changes and Exit

Save Changes and Exit

Ensures the values you selected are saved to the CMOS RAM.

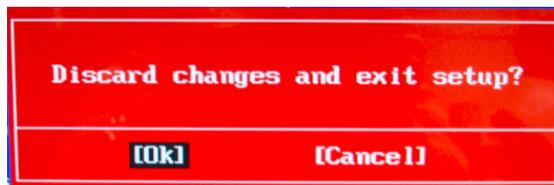
When you select this option, a confirmation window appears.



Discard Changes and Exit

Abandon all CMOS value changes and exit setup.

When you select this option, a confirmation window appears.

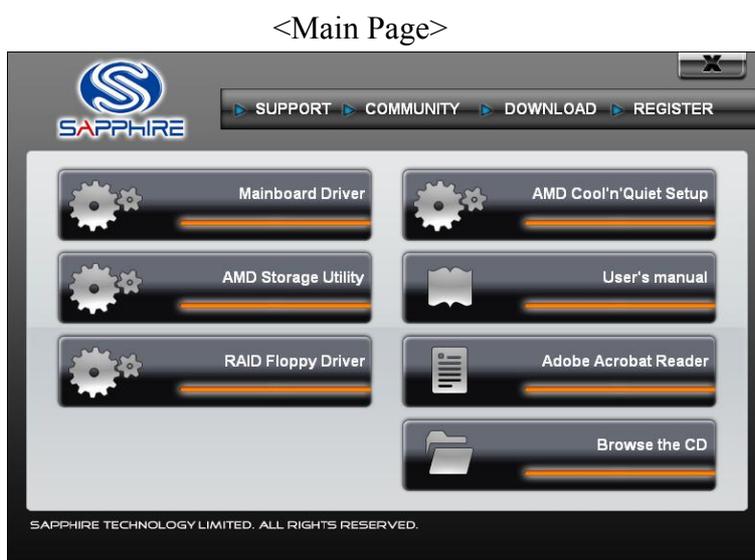


Chapter 4 Driver Installation

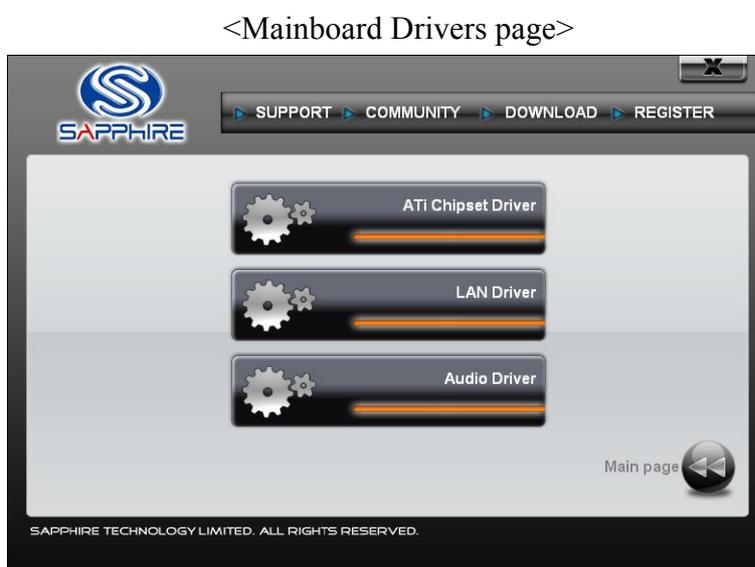
After the operating system has been installed, you need to install drivers for this mainboard.

The support CD that came with the motherboard contains necessary drivers and useful utilities that enhance the motherboard features.

Insert the bundled driver CD into your optical drive and the main menu will be displayed on your PC screen. Click each item button and select the item you want to install.



The Mainboard Drivers item shows the available device drivers. Install the necessary drivers to use the devices.



Note :If Autorun function is not enabled in your computer, browse the contents of the support CD to locate the file SETUP.EXE, and click this file to run the CD.