



Rev. A+

System Board User's Manual
Carte Mère Manuel Pour Utilisateur
System-Platine Benutzerhandbuch
Manual del Usuario de Placas Base
Đóéîâîăñòâî ĩîêüçîââðâëÿ

935-865PE8-000
76300330

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Caution

To avoid damage to the system:

- Use the correct AC input voltage range.

To reduce the risk of electric shock:

- Unplug the power cord before removing the system chassis cover for installation or servicing. After installation or servicing, cover the system chassis before plugging the power cord.

Battery:

- Danger of explosion if battery incorrectly replaced.
- Replace only with the same or equivalent type recommended by the manufacturer.
- Dispose of used batteries according to the battery manufacturer's instructions.

Joystick or MIDI port:

- Do not use any joystick or MIDI device that requires more than 10A current at 5V DC. There is a risk of fire for devices that exceed this limit.

FCC and DOC Statement on Class B

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 when the equipment is operated in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, 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 the 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 technician for help.

Notice:

- 1 The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- 2 Shielded interface cables must be used in order to comply with the emission limits.

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The user's manual in the provided CD contains detailed information about the system board. If, in some cases, some information doesn't match those shown in this manual, this manual should always be regarded as the most updated version.

Le manuel d'utilisateur dans le CD muni contient renseignement détaillé au sujet de carte de système. Si, en quelque cas, quelque renseignement n'appareille de ce que dit dans ce manuel, ce manuel doit toujours être considéré comme la plus nouvelle version.

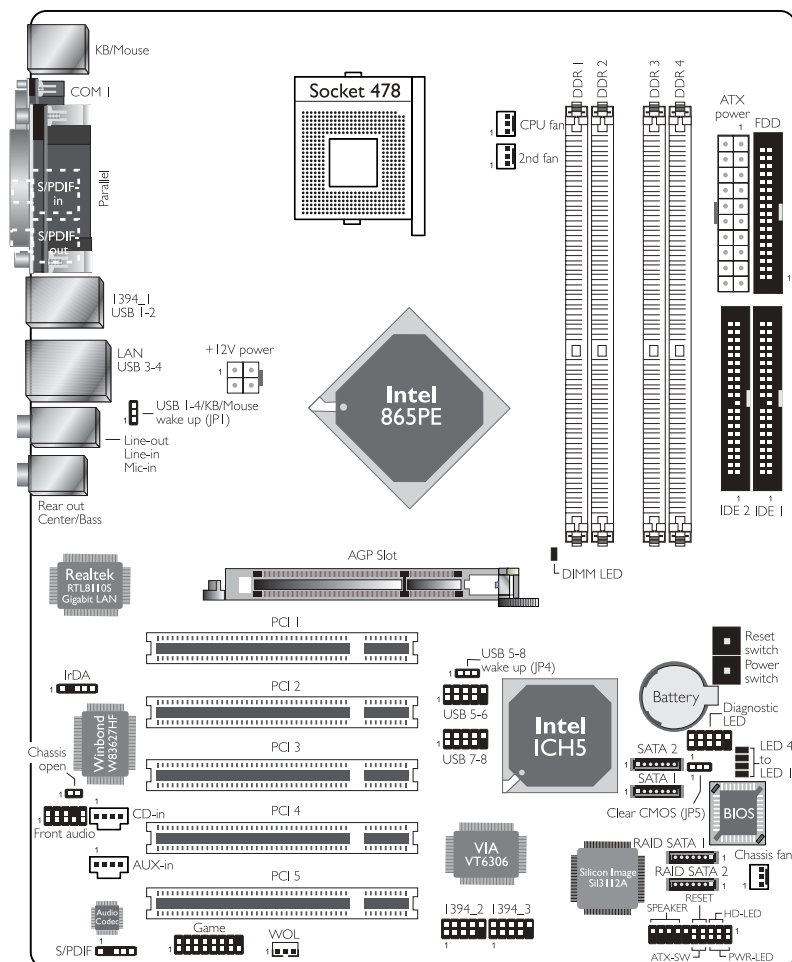
Das Benutzerhandbuch in der angebotenen CD enthält detaillierte Informationen über die Hauptplatine. Wenn in manchen Fällen manche Informationen nicht denjenigen Informationen dargestellt in diesem Handbuch entsprechen, soll dieses Handbuch als die meist aktualisierte Ausgabe gelten.

El uso explicativo contene información detalle sobre la sistema board en el CD preparativo. Si en algún caso, la información no es igual con el uso explicativo, necesita ver el uso explicativo, esque es más nuevo.

À đóéíáíāñóāā īīēuçīāāōāēy íā īđāāīñōāāēyāīīī CD āēñēā nīāāđāēōñy īīāđīāīāy ēīōīđīāōēy ī īāōāđēīñēīē īēāōā. Eīīāāā īāīā+āōāīīā đóéíāīāñōāī īīēāō īā nīāīāāāōū đóéíāīāñōāī īā CD, ōāē ēāē īīñēāāīāā īāēāīēāā +āñōī īāīīāēyāōñy ē yāēyāōñy nāī ūī nāāēēī.

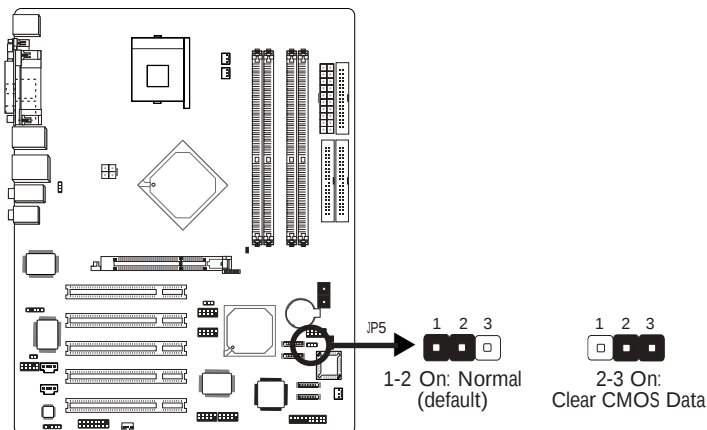
Chapter 1 - Quick Setup Guide

1.1 System Board Layout

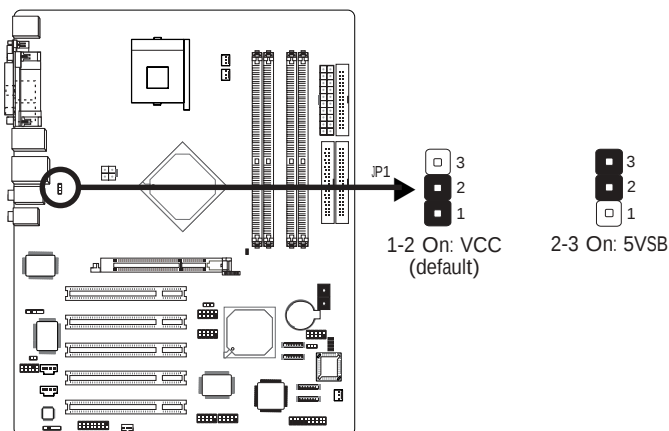


1.2 Jumpers

1.2.1 Clear CMOS Data

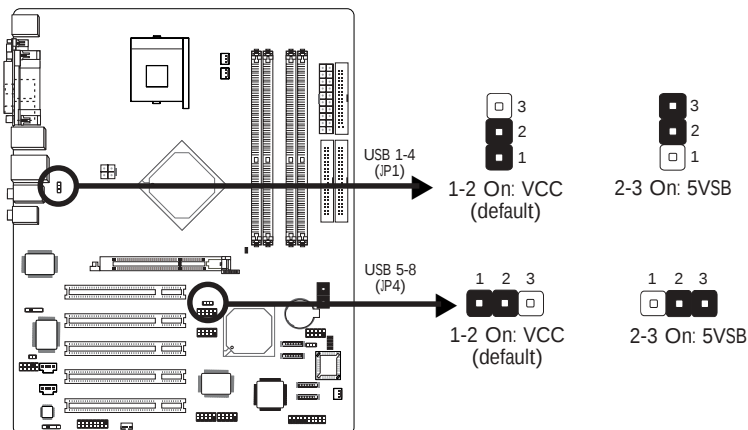


1.2.2 PS/2 Keyboard/Mouse Power Select



If you are using the Wake-On-PS/2 Keyboard/Mouse function, the 5VSB power source of your power supply must support $\geq 720\text{mA}$.

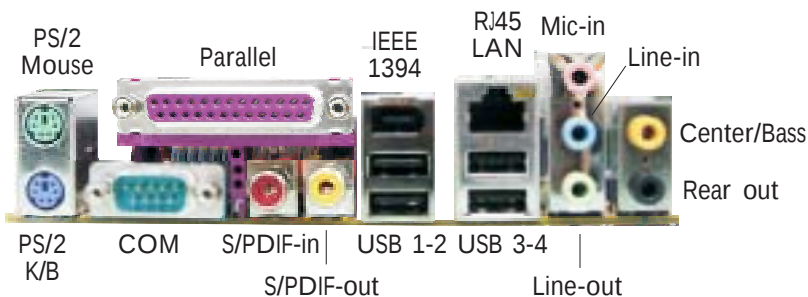
1.2.3 USB Power Power Select



If you are using the Wake-On-USB Keyboard function for 2 USB ports, the 5VSB power source of your power supply must support $\geq 1.5A$.

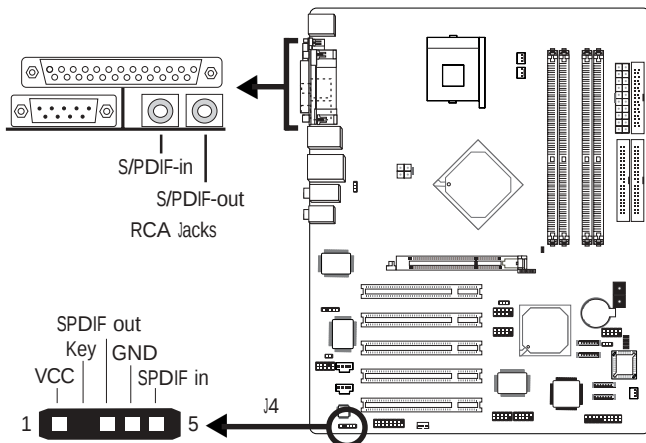
If you are using the Wake-On-USB Keyboard function for 3 or more USB ports, the 5VSB power source of your power supply must support $\geq 2A$.

1.3 Rear Panel I/O Ports

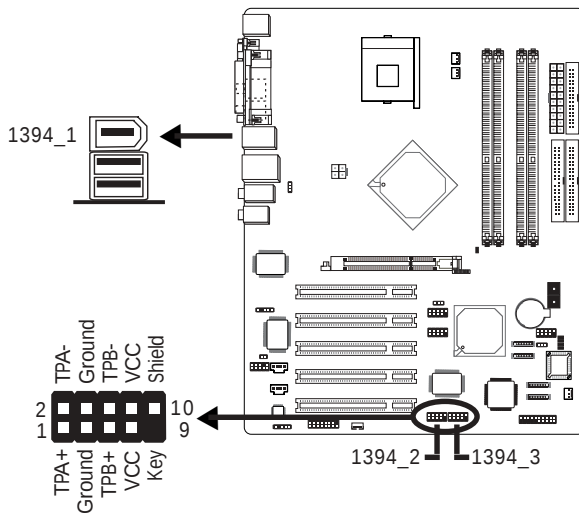


1.4 I/O Connectors

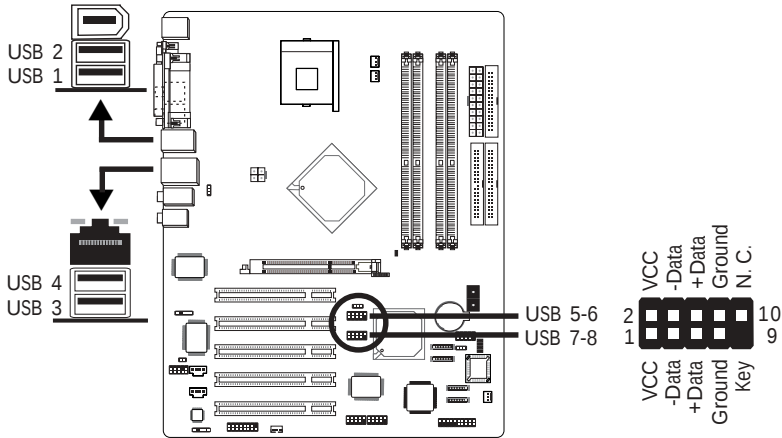
1.4.1 S/PDIF-in/out



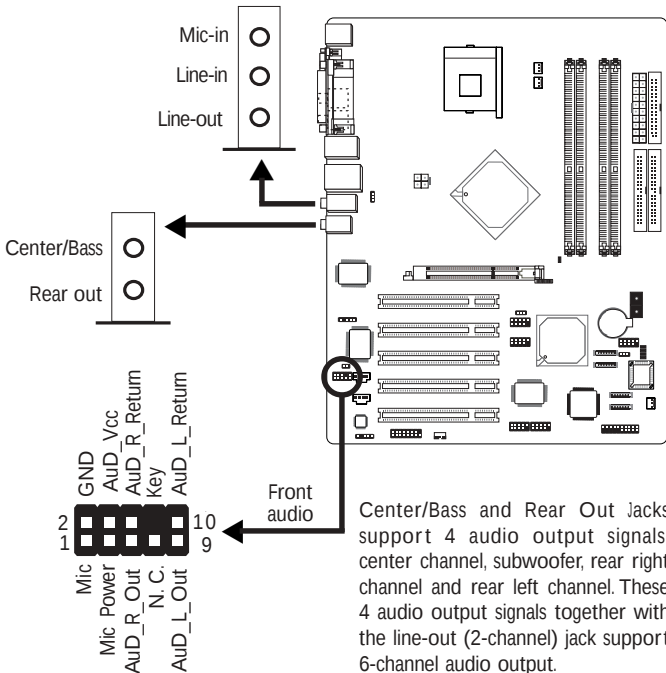
1.4.2 IEEE 1394



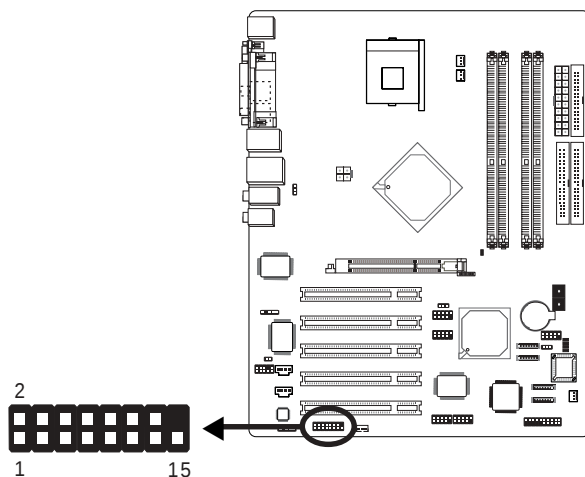
1.4.3 USB



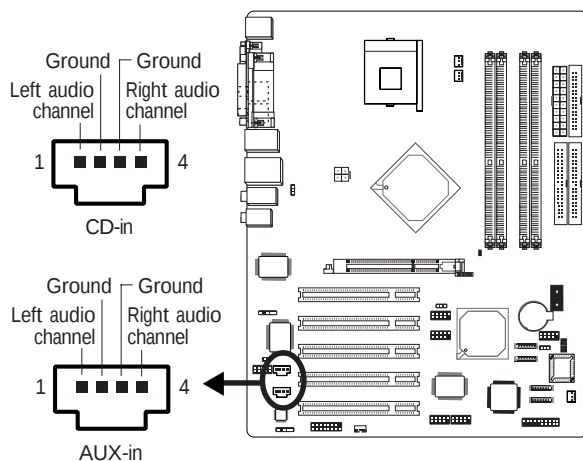
1.4.4 Audio



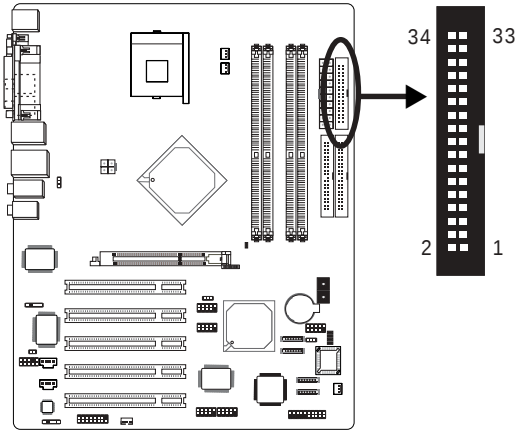
1.4.5 Game



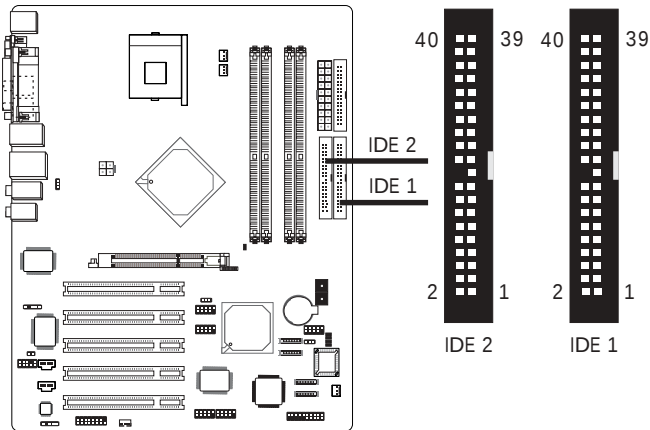
1.4.6 Internal Audio Connectors



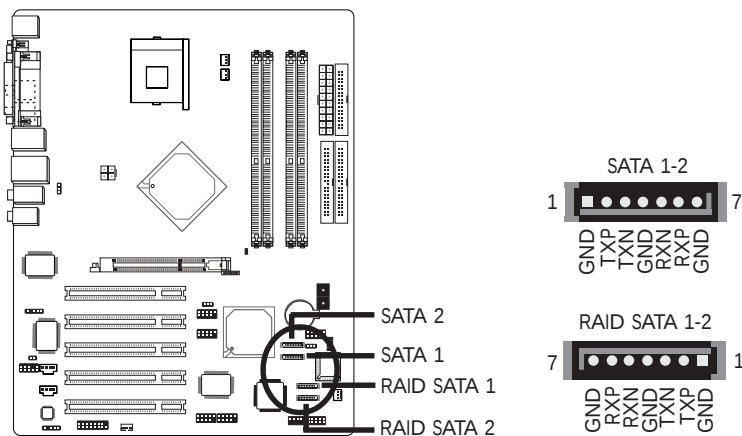
1.4.7 Floppy Disk Drive Connector



1.4.8 IDE Disk Drive Connector

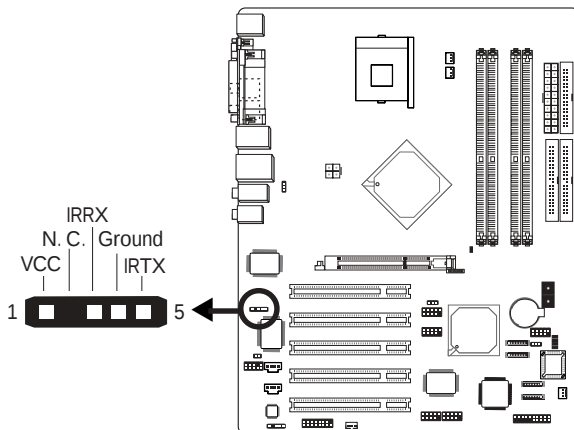


1.4.9 Serial ATA Connectors

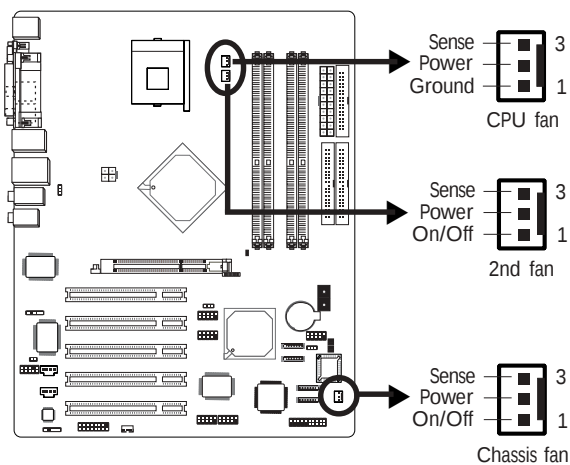


The Silicon Image Sil3112A chip allows configuring RAID on RAID SATA 1 and RAID SATA 2. It supports RAID 0 and 1.

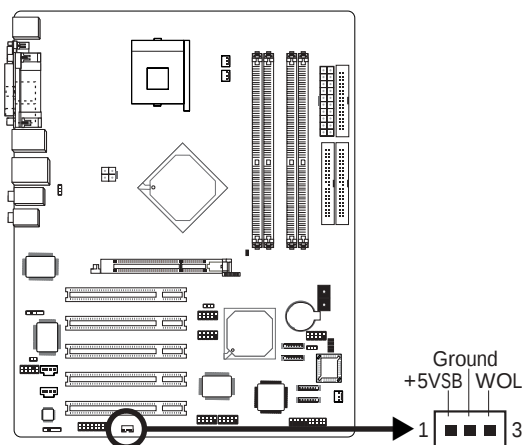
1.4.10 IrDA Connector



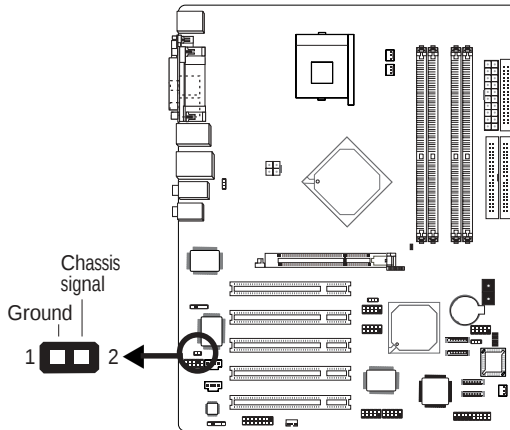
1.4.11 Fan Connectors



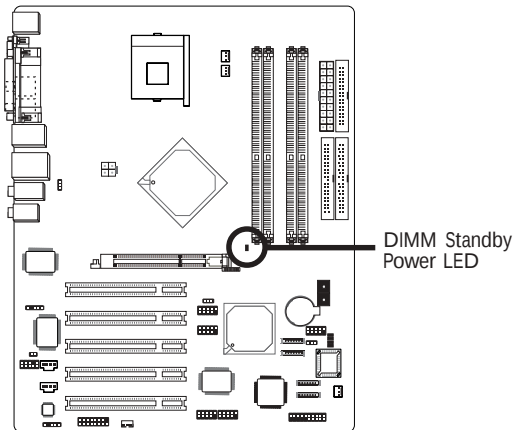
1.4.12 Wake-On-LAN Connector



1.4.13 Chassis Open Alarm Connector

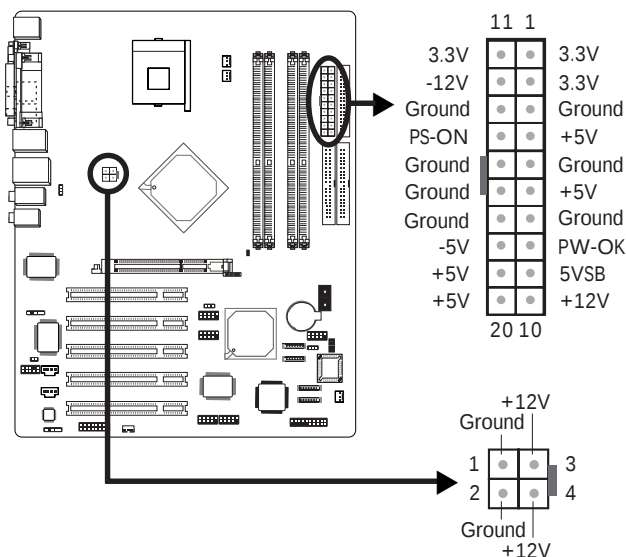


1.4.14 DIMM Standby Power LED



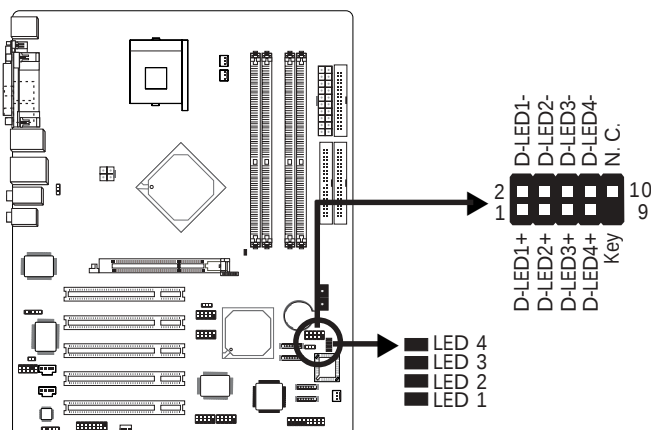
If the DIMM Standby Power LED is lighted, you must power-off the system then turn off the power supply's switch or unplug the power cord prior to installing any memory modules.

1.4.15 Power Connectors



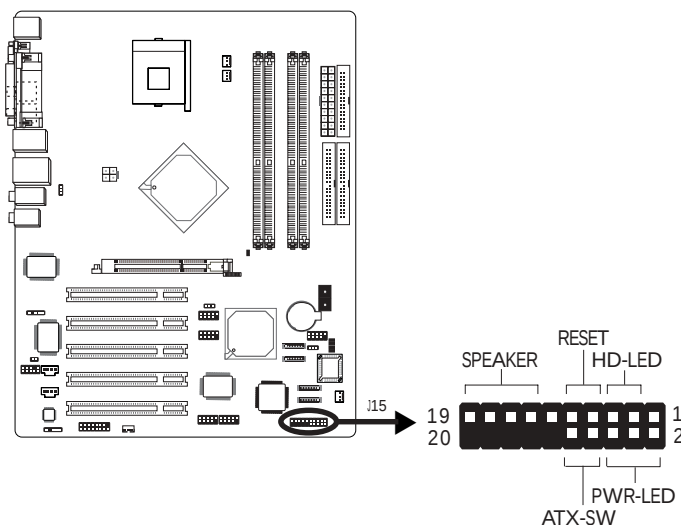
The system board requires a minimum of 250 Watt power supply to operate. Your system configuration (amount of memory, add-in cards, peripherals, etc.) may exceed the minimum power requirement. To ensure that adequate power is provided, use a 300 Watt (or greater) power supply.

1.4.16 Diagnostic LEDs



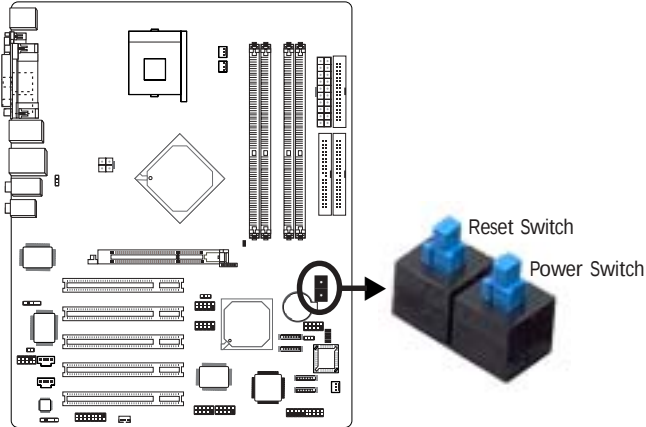
	LED 1	LED 2	LED 3	LED 4
Starts E0 POST test.	On	Off	Off	Off
Testing memory presence.	Off	On	Off	Off
Detected first 256KB memory.	On	On	Off	Off
No memory present.	Off	Off	On	Off
Programming DRAM timing register.	On	Off	On	Off
Calculating DRAM size variable including row, column and bank.	Off	On	On	Off
Initializing JEDEC of current DRAM row.	On	On	On	Off
Checking CMOS checksum and battery.	Off	Off	Off	On
Initializing the clock generator.	On	Off	Off	On
Initializing USB.	Off	On	Off	On
Testing all memory (cleared all extended memory to 0).	On	On	Off	On
Initializing the onboard Super IO.	Off	Off	On	On
Detecting and installing an IDE device.	On	Off	On	On
Final initialization.	Off	On	On	On
Booting the system.	On	On	On	On

1.4.17 Front Panel Connectors



	Pin	Pin Assignment
HD-LED (Primary/Secondary IDE LED)	3 5	HDD LED Power HDD
Reserved	14 16	N. C. N. C.
ATX-SW (ATX power switch)	8 10	PWRBT+ PWRBT-
Reserved	18 20	N. C. N. C.
RESET (Reset switch)	7 9	Ground H/W Reset
SPEAKER (Speaker connector)	13 15 17 19	Speaker Data N. C. Ground Speaker Power
PWR-LED (Power/Standby LED)	2 4 6	LED Power (+) LED Power (+) LED Power (-) or Standby Signal

1.4.18 EZ Touch Switches (Reset Switch and Power Switch)



The presence of the reset switch and power switch on the system board are user-friendly especially to DIY users. They provide convenience in powering on and/or resetting the system while fine tuning the system board before it is installed into the system chassis.

Chapter 2 - English

2.1 Features and Specifications

Processor

- Intel® Pentium® 4 Processor with Hyper-Threading Technology
 - 800MHz/533MHz system data bus
- Intel® Pentium® 4 Northwood processor
 - 533MHz/400MHz system data bus
- Intel® Celeron® Northwood processor
 - 400MHz system data bus

Chipset

- Intel® 865PE chipset
 - Intel® 865PE (MCH)
 - Intel® 82801EB (ICH5)

System Memory

- Supports four 184-pin DDR DIMM sockets
- Supports dual channel (128-bit wide) memory interface
 - Each channel supports 2 DIMM sockets
- Supports up to 4GB system memory
- Synchronous operation with processor system bus
 - PC2100/PC2700/PC3200 (DDR266/DDR333/DDR400) with 800MHz FSB CPU. DDR333 will run at 320MHz memory frequency when used with 800MHz FSB CPU.
 - Use PC2100/PC2700 (DDR266/DDR333) with 533MHz FSB CPU
 - Use PC2100 (DDR266) with 400MHz FSB CPU
- Supports non-ECC (x64) DIMM using 128Mb, 256Mb or 512Mb
- Supports unbuffered DIMMs

BIOS

- Award BIOS, Windows® 98SE/2000/ME/XP Plug and Play compatible
- Genie BIOS provides:
 - CPU/DRAM overclocking
 - AGP/PCI/SATA overclocking

- CPU/DIMM/AGP overvoltage
- Supports SCSI sequential boot-up
- Flash EPROM for easy BIOS upgrades
- Supports DMI 2.0 function
- 4Mbit flash memory

Energy Efficient Design

- ACPI STR (Suspend to RAM) function
- Wake-On-PS/2 Keyboard/Mouse
- Wake-On-USB Keyboard
- Wake-On-Ring
- Wake-On-LAN
- RTC timer to power-on the system
- AC power failure recovery

System Health Monitor Functions

- Monitors CPU/system temperature and overheat alarm
- Monitors CPU/1.5V/5VSB/VBAT/3.3V/5V/±12V voltages and failure alarm
- Monitors the speed of the CPU, chassis and 2nd fans and failure alarm
- Automatic chassis fan and 2nd fan on/off control
- Read back capability that displays temperature, voltage and fan speed
- Opened chassis alarm
- CPU Fan Protection function monitors the CPU fan during system boot-up
- CPU Temperature Protection function monitors CPU temperature during system boot-up

Onboard Audio Features

- C-Media CMI9739a 6-channel codec
- 20-bit stereo full-duplex codec with independent variable sampling rate
- High quality differential CD input
- True stereo line level outputs
- S/PDIF-in/out interface
- 6-channel audio output

Onboard Gigabit LAN PCI

- Realtek RTL8110S Gigabit LAN PCI controller
- Integrated power management functions
- Full duplex support at both 10, 100 and 1000 Mbps
- Supports IEEE 802.3u auto-negotiation
- Supports wire for management

SATA IDE/RAID Interface

- Silicon Image Sil3112A PCI to Serial ATA controller
- Supports two SATA (Serial ATA) interfaces which are compliant with SATA 1.0 specification (1.5Gbps interface)
- Supports RAID 0 and RAID 1

IEEE 1394 Interface

- VIA VT6306 PCI 1394 integrated host controller
- Supports three 100/200/400 Mb/sec ports

PCI Bus Master IDE Controller

- Supports ATA/33, ATA/66 and ATA/100 hard drives
- PIO Mode 4 Enhanced IDE (data transfer rate up to 14MB/sec.)
- Bus mastering reduces CPU utilization during disk transfer
- Supports ATAPI CD-ROM, LS-120 and ZIP

Processor Socket

- Socket 478

AGP (Accelerated Graphics Port)

- Supports AGP 3.0 (AGP 4x and 8x) and AGP 2.0 (AGP 1x and 4x)
- Supports 1.5V AGP 8x (2.13GB/sec.) and AGP 4x (1066MB/sec.) add-in cards. AGP 2x and 3.3V AGP card are not supported.

Rear Panel I/O Ports (PC 99 color-coded connectors)

- 1 PS/2 mouse port
- 1 PS/2 keyboard port
- 1 DB-9 serial port
- 1 DB-25 parallel port
- 4 USB 2.0/1.1 ports
- 1 IEEE 1394 port
- 1 RJ45 LAN port
- 2 S/PDIF RCA jacks (S/PDIF-in and S/PDIF-out)
- 3 audio jacks: line-out, line-in and mic-in
- 2 audio jacks for center/bass and rear out

I/O Connectors

- 2 connectors for 4 additional external USB 2.0/1.1 ports
- 2 connectors for 2 external IEEE 1394 ports
- 1 front audio connector for external line-out and mic-in jacks
- 1 connector for an external game/MIDI port
- 2 internal audio connectors (CD-in and AUX-in)
- 1 S/PDIF connector for optical cable connection
- 1 connector for IrDA interface
- 4 Serial ATA connectors
- 2 IDE connectors
- 1 floppy connector
- 2 ATX power connectors (20-pin and 4-pin 12V)
- 1 Wake-On-LAN connector
- 1 opened chassis alarm connector
- CPU fan, chassis fan and 2nd fan connectors
- 1 diagnostic LED connector for 4 external diagnostic LEDs display
- EZ touch switches (power switch and reset switch)

Expansion Slots

- 1 AGP slot
- 5 PCI slots

Compatibility

- PCI 2.2 and AC '97 compliant
- Intel AGP version 3.0

2.2 CMOS Reloaded

The CMOS Reloaded feature allows you to save different BIOS configurations and when needed, allows you to conveniently restore one of these previously saved configurations. Select CMOS Reloaded in the main menu of the Award BIOS then press <Enter>.

You can save up to two configurations - in the “User Define Config 1” and “User Define Config 2” fields..



Saving a Configuration

After you have made the proper settings, move the cursor to “Backup” of “User Define Config 1” then press <Enter>.

Restoring a Configuration

To restore one of the previously saved configurations, move the cursor to “Load” of “User Define Config 1” then press <Enter>.

Renaming a Configuration

The default name given in the “User Define Config 1” field is “Config 1” and “Config 2” in the “User Define Config 2” field. To rename, move the cursor to “Rename” then press <Enter>. You can enter up to 16 characters.

To save another configuration, repeat the procedures above but this time, in the “User Define Config 2” field.

2.3 Package Checklist

The system board package contains the following items:

- ☑ One LANPARTY 865PE system board
- ☑ One LANPARTY 865PE user's manual
- ☑ One LANPARTY Features user's manual
- ☑ One LANPARTY 865PE quick installation guide
- ☑ One IDE round cable
- ☑ One floppy round cable
- ☑ Two serial ATA data cables
- ☑ One serial ATA power cable
- ☑ One card-edge bracket mounted with a game/MIDI port
- ☑ One card-edge bracket mounted with IEEE 1394 port
- ☑ One PC Transpo kit
- ☑ One FrontX device equipped with:
 - Two USB 2.0/1.1 ports
 - One IEEE 1394 port
 - One line-out jack
 - One mic-in jack
 - Four diagnostic LEDs
- ☑ One I/O shield
- ☑ One thermal paste
- ☑ One LANPARTY sticker
- ☑ One case badge
- ☑ One pack of jumper caps (five 2.54mm jumper caps)
- ☑ One "Silicon Image Sil3112A RAID Drivers" diskette
- ☑ One "Mainboard Utility" CD
- ☑ One "WinDVD/WinRIP Utility" CD

If any of these items are missing or damaged, please contact your dealer or sales representative for assistance.

Please refer to the LANPARTY Features manual for more information about the FrontX device.

Chapter 3 - Français

3.1 Caractéristiques et Spécifications

Processeur

- Les processeurs Intel® Pentium® 4 avec la Technologie Hyper-Threading - 800MHz/533MHz vitesse du bus
- Processeur Intel® Pentium® 4 Northwood
 - 533MHz/400MHz vitesse du bus
- Processeur Intel® Celeron® Northwood
 - 400MHz vitesse du bus

Chipset

- Intel® 865PE chipset
 - Intel® 865PE (MCH)
 - Intel® 82801EB (ICH5)

Mémoire Système

- 4 sockets DDR SDRAM DIMM 184 broches
- Support d'interface de la mémoire à deux canaux (128-bit)
 - Chaque canal supporte 2 sockets DIMM
- Support de 4GB de mémoire système
- Opération synchrone avec le bus système du processeur
 - PC2100/PC2700/PC3200 (DDR266/DDR333/DDR400) avec un processeur à 800MHz de FSB. La DDR333 peut marcher à 320MHz de fréquence de mémoire si utilisée avec un processeur à 800MHz de FSB.
 - Utilisez la PC2100/PC2700 (DDR266/DDR333) avec un processeur à 533MHz de FSB
 - Utilisez la PC2100 (DDR266) avec un processeur à 400MHz de FSB
- Support des barrettes DIMM ECC/non-ECC
- Support des barrettes DIMM sans tampon

BIOS

- Compatible avec Award BIOS, Windows® 98SE/2000/ME/XP Plug and Play
- Genie BIOS:
 - Overclocking de CPU/DRAM
 - Overclocking de AGP/PCI/SATA
 - Contrôle du voltage de CPU/DIMM/AGP
- Supporte l'amorçage séquentiel SCSI
- EPROM Flash pour une mise à niveau facile du BIOS
- Supporte la fonction DMI 2.0
- Mémoire Flash 4Mbit

Design à Haut Rendement Énergétique

- ACPI STR (Suspend to RAM) fonction
- Réveil-Sur-PS/2 Clavier/Souris
- Eveil Clavier USB
- Eveil Sonnerie
- Réveil Par Le Réseau
- Minuterie RTC pour allumer le système
- Récupération après Défaillance d'Alimentation CA

System Health Monitor Fonctions

- Gère l'alarme de température et de surchauffe de CPU/système
- Gère l'alarme de voltage et d'échec de CPU/1.5V/5VSB/VBAT/3.3V/5V/±12V
- Gère la vitesse de ventilateur du ventilateur de CPU, chassis et second; et alarme de défaillance.
- Contrôle automatique de ventilateur de chassis/second et marche/arrêt de ventilateur
- Capacité de relecture qui affiche la température, le voltage et la vitesse de ventilateur
- Alarme de châssis ouvert
- La Fonction de la Defense du Ventilateur de Processeur observe le travail du ventilateur pendant le chargement du système
- La Fonction de Defense du Processeur de la Surchauffe observe la temperature du processeur pendant le chargement du système

Caractéristiques Audio sur Carte

- C-Media CMI9739a 6-canaux audio codec
- Codec full-duplex 20 bits stéréo avec fréquence d'échantillonnage variable indépendante
- Entrée CD différentielle de haute qualité
- Sorties de niveau de lignes stéréo vraies
- Interface entrée/sortie S/PDIF
- Sortie audio 6-canaux

Fonctionnalités Onboard Gigabit LAN PCI

- Utilise le contrôleur Realtek RTL8110S Gigabit LAN PCI
- Fonctions de gestion d'alimentation intégrées
- Support Full duplex à 10, 100 et 1000 Mbps
- Supporte l'auto négociation IEEE 802.3u
- Support câble pour la gestion

Interface SATA IDE/RAID

- Silicon Image Si3112A PCI - Serial ATA contrôleur
- Deux interfaces SATA (Serial ATA) compatibles avec la spécification SATA 1.0 (interface 1.5Gbps)
- Support RAID 0 et 1

Interface IEEE 1394

- VIA VT6306 PCI 1394 contrôleur
- Supporte trois ports 100/200/400 Mb/séc

Contrôleur IDE de BUS Maître PCI

- Supporte des disques durs ATA/33, ATA/66 et ATA/100
- IDE Améliorés Mode 4 PIO (vitesse de transfert de données allant jusqu'à 14Mo/sec.)
- La gestion de Bus réduit l'utilisation du CPU pendant les transferts sur disque
- Supporte les CD-ROM ATAPI, LS-120 et ZIP

Socket Processeur

- Socket 478

AGP (Accelerated Graphics Port)

- Soutien des spécifications AGP 3.0 (AGP 4x et 8x) et AGP 2.0 (AGP 1x et 4x)
- Soutien des cartes supplémentaires 1.5V AGP 8x (2.13GB par seconde) et AGP 4x (1066MB par seconde). Les cartes AGP 2x et 3.3V AGP ne sont pas soutenues.

Le Panneau des Ports Entrée/Sortie en Arrière

- 1 port souris PS/2
- 1 port clavier PS/2
- 1 port de DB-9 série
- 1 port parallèle DB-25
- 4 ports USB 2.0/1.1
- 1 IEEE 1394 port
- 1 port RJ45 LAN
- 2 S/PDIF RCA prises (S/PDIF-in et S/PDIF-out)
- 3 prises audio: line-out, line-in et mic-in
- 2 prises audio: center/bass et rear out

Connecteurs Entrée/Sortie

- 2 connecteurs pour 4 ports USB 2.0/1.1 supplémentaires
- 2 connecteurs pour 2 IEEE 1394 externe
- 1 connecteur audio de l'avant pour la sortie ligne et l'entrée micro
- 1 connecteur pour 1 game/MIDI externe
- 2 connecteurs CD-in et AUX-in audio internes
- 1 S/PDIF l'assemblage pour l'adjonction de câble optique
- 1 connecteur pour interface IrDA
- 4 connecteurs Serial ATA
- 2 connecteurs IDE
- 1 connecteur de lecteur de disquettes
- 2 connecteurs d'alimentation ATX
- 1 connecteur Wake-On-LAN
- Connecteur d'alarme de châssis ouvert
- Connecteurs de ventilateurs de CPU, de châssis et de second ventilateur
- Un assemblage pour 4 extérieurs indicateurs diagnostiques
- EZ interrupteurs (bouton de power et reset)

Logements d'Extension

- 1 slot AGP et 5 slots PCI

Compatibilité

- Compatible PCI 2.2 et AC'97
- Intel AGP version 3.0

3.2 CMOS Reloaded

Le sous-menu CMOS Reloaded vous permet, si vous en avez besoin, garder des différentes configurations pour pouvoir installer plus loin l'une des déjà gardées. Choisissez CMOS Reloaded dans le menu principal de Award BIOS et pressez <Enter>. Vous pouvez garder pas plus de deux configurations – dans “User Define Config 1” et “User Define Config 2”.



La Conservation de la Configuration

Après finir tout installation nécessaire, passez sur “Backup” dans “User Define Config 1” et pressez <Enter>.

La Restitution de la Configuration

Pour restituer les configurations gardées passez sur “Load” dans “User Define Config 1” et pressez <Enter>.

Le Changement de Nom de la Configuration

Le système donne le nom “Config 1” à ce qu’on a gardé dans “User Define Config 1” et le nom “Config 2” à ce qu’on a gardé dans “User Define Config 2”. Pour changer le nom de ce que

vous gardez passez sur "Rename" et pressez <Enter>. Vous pouvez introduire jusqu'aux 16 symboles.

Pour garder la seconde configuration il faut répéter les procédures si-dessus mais cette fois dans "User Define Config 2".

3.3 Liste de Vérification de l'Emballage

L'emballage de la carte système contient les éléments suivants:

- ☑ 1 carte système
- ☑ 2 manuel utilisateur
- ☑ 1 câble IDE ronds
- ☑ 1 câble rond floppy
- ☑ 2 câble série ATA
- ☑ 1 câble d'alimentation série ATA
- ☑ 1 bracket avec un port game/MIDI
- ☑ 1 bracket avec port IEEE 1394
- ☑ 1 sac PC Transpo
- ☑ 1 kit FrontX
 - 2 ports USB 2.0/1.1
 - 1 port IEEE 1394
 - 1 jack de sortie ligne
 - 1 jack d'entrée micro
 - 4 indicateurs diagnostiques
- ☑ 1 shield I/O
- ☑ 1 pâte silicone (composé à base du silicone)
- ☑ 1 étiquette LANPARTY
- ☑ 1 case badge
- ☑ 1 package de cavaliers (5 cavaliers 2.54mm)
- ☑ 1 disquette "Silicon Image Sil3112A RAID Drivers"
- ☑ 1 CD "Mainboard Utility"
- ☑ 1 CD "WinDVD/WinRIP Utility"

Si l'un de ces éléments n'était pas dans l'emballage ou s'il était endommagé, veuillez contacter votre revendeur ou votre représentant. Veuillez vous reporter au manuel LANPARTY pour plus d'information sur le périphérique FrontX.

Chapter 4 - Deutsch

4.1 Leistungsmerkmale und Technische Daten

Prozessor

- Intel® Pentium® 4 Prozessor mit Hyper-Threading Technologie
 - 800MHz/533MHz Systemdatenbus
- Intel® Pentium® 4 Northwood Prozessor
 - 533MHz/400MHz Systemdatenbus
- Intel® Celeron® Northwood Prozessor
 - 400MHz Systemdatenbus

Chipsatz

- Intel® 865PE chipsatz
 - Intel® 865PE (MCH)
 - Intel® 82801EB (ICH5)

Systemspeicher

- 4 DDR-SDRAM-DIMM- Fassungen mit 184poligem Anschlußstecker
- Unterstützt 2-Kanal (128-bit breit) Speicherschnittstellen
 - Jeder Kanal unterstützt 2 DIMM Steckplätze
- Unterstützt bis zu 4GB Systemspeicher
- Synchroner Betrieb mit dem Prozessor Systembus
 - PC2100/PC2700/PC3200 (DDR266/DDR333/DDR400) mit 800MHz FSB CPU. Im Betrieb mit einer 800 MHz FSB CPU arbeitet DDR333-Speicher mit einer Speichertaktfrequenz von 320 MHz.
 - Verwenden Sie PC2100/PC2700 (DDR266/DDR333) Speicher mit 533MHz FSB CPU's.
 - Verwenden Sie PC2100 (DDR266) Speicher mit 400MHz FSB CPU's.
- Unterstützt ECC/non-ECC DIMM
- Unterstützt ungepufferte DIMMs

BIOS

- Kompatibilität mit Award BIOS, Windows® 98SE/2000/ME/XP Plug and Play
- Genie BIOS:
 - CPU/DRAM Übertaktung
 - AGP/PCI/SATA Übertaktung
 - CPU/DIMM/AGP Überspannung
- Unterstützung des sequentiellen SCSI-Ladens
- Flash EPROM für ein einfaches Aktualisieren des BIOS
- Unterstützung der DMI-2.0-Funktion
- Flash-Speicher (4Mbit)

Energomisches Design

- ACPI STR (Suspend to RAM) funktion
- Wecken bei Betätigung der PS/2 Tastatur/Maus
- Wecken bei USB-Tastatur
- Wecken bei Klingeln
- Wecken des Systems durch das Netzwerk
- RTC-Taktgeber zum Einschalten des Systems
- Wiederherstellung der Wechselstromversorgung nach einem Ausfall

System Health Monitor Funktionen

- Überwachung der Temperatur des CPU/Systems sowie Warnsignal bei Überhitzung
- Überwachung der Spannungen des CPU/1.5V/5VSB/VBAT/3.3V/5V/±12V sowie Warnsignal bei Ausfall
- Überwachung der Geschwindigkeit des CPU-Ventilators, Chassis-Ventilators und Second-Ventilators und sendet ein Warnsignal bei einem Ausfall aus
- Automatisches des Chassis-Ventilators und Second-Ventilators Ein-/Ausschalten des Ventilators
- Anzeige der Temperatur, Spannung und Geschwindigkeit des Ventilators
- Warnignal bei geöffneter Chassis
- Die Schutzfunktion des Lüfter vom Prozessor überwacht die Arbeit des Lüfter während der Auslastung des Systems
- Die Schutzfunktion des Prozessors gegen die Überhitzung

Audiomerkmale auf Platine

- C-Media CMI9739a 6-Kanal-audio codec
- 20-Bit-Stereo-Vollduplex-Codec mit unabhängiger und variabler Abtastfrequenz
- Hochwertige CD-Differential-Eingabe
- Naturgetreue Stereo-Leitungspegel-Ausgabe
- S/PDIF-In/Aus-Schnittstelle
- 6-Kanal-Audioausgang

Merkmale des Gigabit LAN PCI auf Platine

- Benutzung des Realtek RTL8110S Gigabit LAN PCI
- Integrierte Power-Management-Funktionen
- Vollduplex-Unterstützung bei 10, 100 und 1000 Mbps
- Unterstützung der IEEE-802.3u-Auto-Negotiation
- Unterstützung des Leiters für das Management

SATA IDE/RAID Schnittstelle

- Benutzung des Silicon Image Sil3112A
- Zwei SATA (Serial ATA) Schnittstellen, die der SATA 1.0 Spezifikation (1.5Gbps interface) entsprechen
- Unterstützt RAID 0 und 1

Interface IEEE 1394

- Benutzung des VIA VT6306 PCI 1394
- Unterstützt drei Ports 100/200/400 Mbps

PCI-Bus-Master-IDE-Controller

- Unterstützung der Festplatten ATA/33, ATA/66 und ATA/100
- Erweitertes IDE des PIO-Modus 4 (Datenübertragungsgeschwindigkeit von bis zu 14MB/Sek.)
- Verminderte CPU-Benutzung während Diskettenübertragung dank dem Bus-Master.
- Unterstützung des ATAPI CD-ROMs, LS-120 und ZIP.

Prozessor Socket

- Buchse 478

AGP (Accelerated Graphics Port)

- Unterstützt AGP 3.0 (AGP 4x und 8x) und AGP 2.0 (AGP 1x und 4x) Spezifikationen
- Unterstützt 1.5V AGP 8x (2.13GB/sek.) und AGP 4x (1066MB/sek.) Erweiterungskarten. AGP 2x und 3.3V AGP Karten werden nicht unterstützt.

Ein-/Ausgabe-Porte an der Rückwand

- 1 Anschluß für eine PS/2-Maus
- 1 Anschluß für eine PS/2-Tastatur
- 1 serieller DB-9-Anschlüsse
- 1 DB-25-Parallelanschluß
- 4 USB 2.0/1.1-Anschlüsse
- 1 IEEE 1394-Anschlüsse
- 1 RJ45 LAN-Anschlüsse
- 2 S/PDIF RCA-Anschlüsse (S/PDIF-in und S/PDIF-out)
- 3 Audio-Anschlußbuchsen: line-out, line-in und mic-in
- 2 Audio-Anschlußbuchsen: center/bass und rear out

Ein-/Ausgabe-Steckverbinder

- 2 Anschlußfassung für 4 zusätzliche externe USB 2.0/1.1-Anschlüsse
- 2 Anschluß für 2 externe IEEE 1394 Schnittstelle
- 1 Frontaudioanschluß für die externe Ausgangsleitung und den Mikrofoneingang
- 1 Anschluß für eine externe game/MIDI Schnittstelle
- 2 interne Audioanschlüsse (CD-in und AUX-in)
- 1 S/PDIF Anschluß für die Verbindung des optischen Kabel
- 1 Anschluß für die IrDA-Schnittstelle
- 4 Serial-ATA-Anschlüsse
- 2 IDE-Anschlüsse
- 1 Floppy-Anschlüsse
- 2 Anschlußstecker für das ATX-Netzgerät
- 1 Anschlußstecker für Wecken durch LAN
- 1 Anschluß für akustische Warnsignale bei geöffneter Chassis
- CPU-, Chassis- und Second-ventilator-Anschlüsse.
- Ein Anschluß für 4 diagnostischen Außenindikatoren
- EZ Umschalten (der Knopf der Speisung und des Auslasses)

Erweiterungssteckfassungen

- 1 AGP-Einbauplätzen
- 5 PCI-Einbauplätzen

Kompatibilität

- Kompatibilität mit PCI 2.2 und AC'97
- Intel AGP, version 3.0

4.2 CMOS Reloaded

Das Teilmenü CMOS Reloaded läßt Sie im Notfall die verschiedenen Konfigurationen aufbewahren, um eine aus die früher aufgesparten Konfigurationen im weiteren wiederaufzubauen. Wählen Sie "CMOS Reloaded" im Award BIOS Hauptmenü, und drücken Sie <Enter>.

Sie können bis zwei Konfigurationen im Feld "User Define Config 1" und "User Define Config 2" behalten.



Die Erhaltung der Konfiguration

Nachdem Sie alle notwendigen Installationen beendet haben, verlagern Sie den Cursor auf "Backup" in "User Define Config 1" und drücken Sie <Enter>.

Die Wiederaufbau der Konfiguration

Um die früher aufgesparten Konfigurationen wiederaufzubauen, verlagern Sie den Cursor auf "Load" in "User Define Config 1" und drücken Sie <Enter>.

Die Umbenennung der Konfiguration

Im Verschweigen wird die Erhaltung im Feld "User Define Config 1" als "Config 1" und im Feld "User Define Config 2" als "Config 2" genannt. Um die Erhaltung umzubenennen, verlagern Sie den Cursor auf "Rename" und drücken Sie <Enter>. Sie können bis 16 Symbols einsetzen.

Für die Erhaltung der zweiten Konfiguration muß man die beschriebenen Prozeduren wiederholen, aber, diesmal, im Feld "User Define Config 2".

4.3 Verpackungsliste

In der Verpackung der Systemplatine sind folgende Artikel enthalten:

- ☒ 1 Systemplatine
- ☒ 2 Benutzerhandbuch
- ☒ 1 runde IDE-Kabel
- ☒ 1 runde Floppy-Kabel
- ☒ 2 serial-ATA-Kabel
- ☒ 1 serial-ATA-Energiekabel-Kabel
- ☒ 1 Bracket mit einem Game/MIDI Port
- ☒ 1 Bracket mit einem IEEE 1394 Port
- ☒ Ein PC Transpo-Satz
- ☒ Eine FrontX-Einrichtung
 - Zwei USB 2.0/1.1 Porte, 1 IEEE 1394 Porte, Ein Stecker vom Linienausgang, Ein Stecker vom Mikrofon und 4 diagnostischen Außenindikatoren
- ☒ Eine I/O-Schutzlatte
- ☒ Eine Silikonpaste (das Silikon als die Basis)
- ☒ Ein LANPARTY-Klebezettel
- ☒ Ein Abzeichen für das Gehäuse
- ☒ Ein Satz des Jumperses (fünf 2.54mm Jumpers)
- ☒ 1 Diskette "Silicon Image Sil3112A RAID Drivers"
- ☒ 1 CD mit "Mainboard Utility"
- ☒ Eine CD "WinDVD/WinRIP Utility"

Fehlt einer dieser Artikel oder weist einer dieser Artikel Beschädigungen auf, wenden Sie sich an Ihren Händler oder Vertreter. Nach genauerer Information über die Einrichtung von FrontX schauen Sie die LANPARTY-Anleitung.

Chapter 5 - Español

5.1 Características y Especificaciones

Procesador

- Procesador Pentium® 4 de Intel® con la Tecnología Hiper-Enhebramiento
 - 800MHz/533MHz canal de datos del sistema
- Procesador Intel® Pentium® 4 Northwood
 - 533MHz/400MHz canal de datos del sistema
- Procesador Intel® Celeron® Northwood
 - 400MHz canal de datos del sistema

Chipset

- Intel® 865PE chipset
 - Intel® 865PE (MCH)
 - Intel® 82801EB (ICH5)

Memoria de Sistema

- 4 zocalos 184-pin DDR SDRAM DIMM
- Se soporta el interfaz de dos canales (128-bites)
 - Cada canal se soporta por 2 eslots DIMM
- Se soporta 4GB de la memoria
- La operacion sincronica ñon el bus del sistema del procesador
 - PC2100/PC2700/PC3200 (DDR266/DDR333/DDR400) ñon el procesador en el bus de 800MHz. DDR333 va a funcionar en la frecuencia de 320MHz usando el procesador con el bus 800MHz.
 - Use Ud. PC2100/PC2700 (DDR266/DDR333) ñon el procesador en el bus de 533MHz
 - Uså PC2100 (DDR266) con procesador en el bus de 400MHz
- Soporta la memoria ECC/non-ECC DIMM
- Soporta modulos inseparados DIMM

BIOS

- Award BIOS, Windows® 98SE/2000/ME/XP Enchufar y Usar compatible
- Genie BIOS:
 - El impulso del procesador/DRAM
 - El impulso AGP/PCI/SATA
 - La instalación de la tensión del procesador/DIMM/AGP
- Soporta el inicio de secuencia de SCSI
- Parpadea EPROM para fácil actualización de BIOS
- Soporta la función de DMI 2.0
- Memoria Instante (4Mbitios)

Diseño Energía Eficiente

- ACPI STR (Suspend to RAM) función
- PS/2 Teclado/Ratón de Wake-On
- Teclado de Wake-On-USB
- Wake-On-Ring
- Wake-On-LAN
- Temporizador de RTC para encender el sistema
- Recuperación de Fracaso de Energía AC

Funciones de Monitor de Salud del Sistema

- Monitores de los CPU/sistema temperaturas y alarma acalorada.
- Monitores de voltajes de CPU/1.5V/5VSB/VBAT/3.3V/5V/±12V y alarma de fracaso.
- Vigila la velocidad del abanico del abanico del CPU, abanico del chasis y abanico de second; y alarma de fracaso.
- Control abanico del chasis y abanico de second encendido/apagado del abanico automático.
- Capacidad de Leer hacia atrás que presenta la temperatura, voltaje y velocidad de abanico.
- Alarma de chasis abierto
- La Función de la Protección del Ventilador del Procesador controla el ventilador durante la carga del sistema
- La Función de la Protección del Procesador de Recalentamiento controla la temperatura del procesador durante la carga del sistema

Características de Audio En Tablero

- C-Media CMI9739a 6-canal audio codec
- Codec dúplex completo estéreo de 20-bit con independiente frecuencia de muestreo variable
- Alta calidad de entrada de CD diferencial
- Auténtico salidas de nivel de línea estéreo
- Interfaz de S/PDIF-in/out
- Output auricular de 6-canal

Características de Gigabit LAN PCI Interno

- Utiliza el rápido controlador Realtek RTL8110S Gigabit LAN
- Funciones de administración de energía integrado
- Soporte dúplex completo en ambos 10, 100 y 1000 Mbps
- Soporta auto negociación de IEEE 802.3u
- Soporta alambre para la administración

El Inerfaz SATA IDE/RAID

- Silicon Image Sil3112A controlador
- Dos interfaces SATA (Serial ATA) son obedientes con la especificacion SATA 1.0 (el interfaz 1.5Gbps)
- Se soporta RAID 0 y 1

Interface IEEE 1394

- VIA VT6306 PCI 1394 controlador
- Soporta tres ports 100/200/400 Má/sec

Controlador de IDE Maestro de Bus PCI

- Soporta las unidades duras de ATA/33, ATA/66 y ATA/100
- PIO Modo 4 Realzada IDE (tasa de transferencia de dato hasta 14MB/seg.)
- Controlación de Bus reduce la utilización de CPU durante la trasferencia de disco
- Soporta ATAPI CD-ROM, LS-120 y ZIP

Procesador Zócalo

- Zócalo 478

AGP (Accelerated Graphics Port)

- Soporta especificaciones AGP 3.0 y AGP 2.0
- Soporta placas 1.5V AGP 8x (2.13Gb/seg.) è AGP 4x (1066Mb/seg.). Tarjetas AGP, AGP 2x y 3.3V no se soportan.

Panel de reverso de conectores de entrada - Salida

- 1 puerto de ratón PS/2
- 1 puerto de teclado PS/2
- 1 puerto de serie DB-9
- 1 puerto paralelo de DB-25
- 4 puertos de USB 2.0/1.1
- 1 puerto de IEEE 1394
- 1 puerto de RJ45 LAN
- 2 enchufes de S/PDIF RCA (S/PDIF-in y S/PDIF-out)
- 3 enchufes de audio: line-out, line-in y mic-in
- 2 enchufes de audio: center/bass y rear out

I/O Conectores

- 2 conectores para 4 puertos de USB 2.0/1.1 externo adicional
- 2 conectores para 2 puertos de IEEE 1394 externa
- 1 conector audio delantero para la salida extrema de linea y el micro
- 1 conector para un puerto de game/MIDI externa
- 2 conectores de CD-in y AUX-in audio interno
- 1 S/PDIF mortaja para conexión de cable óptico
- 1 conector para interfaz de IrDA
- 4 conectores de Serial ATA
- 2 conectores de IDE
- 1 conector de disquete
- 2 conectores de fuente de alimentación de ATX
- 1 conector de Wake-On-LAN
- 1 conector de alarma de chasis abierto
- 3 conectores de abanicos de CPU, chasis y second
- Una mortaja para 4 indicadores diagnósticos externos
- EZ conmutadores (conmutadores de alimentación y reset)

Ranuras de Expansión

- 1 slot AGP
- 5 slots PCI

Compatibilidad

- Sumisión de PCI 2.2 y AC'97
- Versión 3.0 de Intel AGP

5.2 CMOS Reloaded

El submenú CMOS Reloaded permite conservar diferentes configuraciones y permite reconstituir una de las configuraciones conservadas antes, cuando es necesario. Opte CMOS Reloaded en menú principal de Award BIOS y aprete <Enter>.

Vd puede conservar hasta dos configuraciones – en los campos “User Define Config 1” y “User Define Config 2”.



Conservación de Configuración

Después de realizar todas las instalaciones necesarias mueva el cursor al “Backup” en “User Define Config 1” y aprete <Enter>.

Reconstitución de Configuración

Para reconstituir las configuraciones conservadas antes mueva el cursor al “Load” en “User Define Config 1” y aprete <Enter>.

Cambio de nombre de Configuración

Configuraciones conservadas se nombran automáticamente “Config 1” en el campo “User Define Config 1” y “Config 2” en el campo “User Define Config 2”. Para cambiar de nombre a la configuración mueva el cursor al “Rename” y aprete <Enter>. Vd puede entrar hasta 16 símbolos.

Para conservar otra configuración repita los procedimientos descritos antes, pero en el campo “User Define Config 2”.

5.3 Lista de Chequeo del Paquete

El paquete del tablero de sistema contiene los siguientes artículos:

- ☒ 1 tablero de sistema
- ☒ 2 manual de usuario
- ☒ 1 cable de flojo para IDE
- ☒ 1 cable de flojo para el disquette
- ☒ 2 cable serial ATA
- ☒ 1 cable de alimentacion serial ATA
- ☒ 1 placa con 1 puerto game/MIDI
- ☒ 1 placa con 1 puerto IEEE 1394
- ☒ Un juego PC Transpo
- ☒ Un dispositivo FrontX
 - Dos USB 2.0/1.1 portes
 - 1 IEEE 1394 porte
 - Una mortaja de line-out
 - Una mortaja de mic-in
 - 4 indicadores diagnósticos
- ☒ Una chapa protectora I/O
- ☒ Una pasta de silicón (compuesto silicón-basado)
- ☒ Una pegatina LANPARTY
- ☒ Una insignia en caja
- ☒ Un paquete de jumper caps (cinco 2.54mm jumper caps)
- ☒ 1 disquette flojo “Silicon Image Sil3112A RAID Drivers”
- ☒ 1 CD de “Mainboard Utility”
- ☒ Un CD “WinDVD/WinRIP Utility”

Si cualesquieres de estos artículos están perdidos o dañados, favor de ponerse en contacto con su tratante o representantes de venta para la asistencia.

Para información mas detallada de dispositivo FrontX refiérase al manual LANPARTY.

BIOS

- Award BIOS, Windows® 98SE/2000/ME/XP Plug and Play
- Genie BIOS:
 - Ðàçãíí Ĩđôãññđà/DRAM
 - Ðàçãíí AGP/PCI/SATA
 - Óñòàííâè íàíðÿæáíÿ Ĩđôãññđà/DIMM/AGP
- Ĩâääðæèääò çãððçéó SCSI
- Flash EPROM æÿ íáíâèáíÿ BIOS
- Ĩâääðæèääò ôóíöèð DMI 2.0
- 4Mbit Flash Ĩàíÿöü

Ý í å ð ã î ì è ÷ í û é Ä è ç à é í

- ACPI STR (Suspend to RAM)
- Àèòèâèçàòèÿ Íà Äæðáíèå ì û ø è
- Àèòèâèçàòèÿ Íà Íæàððèå Éíííèè USB Êèâèèàðòòð
- Àèòèâèçàòèÿ Íà Ãðíäÿùèè Çáíííè
- Àèòèâèçàòèÿ Íà Ñðòááíá Ñíáúðèå
- RTC Õàéíãð æèÿ Áèèð÷áíèÿ Ñèñòáí ù
- Ñèà-èè Íáíðÿæáíèÿ

Óóíêöèè ì î í è ò î ð è í à à Ñ ñ ñ ò î ÿ í è ÿ Ñ ñ ñ ò à ì ò

- Mííèòíðeíá òàì íàðàòóðù íðíòǎǎǎíðà/ǎeǎòǎì ù
- Mííèòíðeíá íàíðÿæǎíéé CPU/1.5V/5VSB/VBAT/3.3V/5V/±12V
- Mííèòíðeíá ǎeíðíǎòè àðàùǎíèÿ àǎíðèèÿòíðà CPU/chassis/second
- Ààòíìàðè÷ǎǎeíǎ óíðààèǎíèǎ chassis/second àǎíðèèÿòíðà ǎeǎòǎì ù
- Íòíàðàæǎíèǎ òàì íàðàòóðù, íàíðÿæǎíèÿ è ǎeíðíǎòè ðǎǎíòù àǎíðèèÿòíðà
- ǎeǎíàèèçàòèÿ íòèðùòíǎí èíðíóǎǎ
- Óóíèòèÿ Çàùèòù Àǎíðèèÿòíðà Íðíòǎǎǎíðà ǎeǎàèò çà ðǎǎíòíé àǎíðèèÿòíðà àí àðǎíÿ çǎàðóçèè ǎeǎòǎì ù
- Óóíèòèÿ Çàùèòù Íðíòǎǎǎíðà íò íàðààðǎàà íòǎeǎæèààò òàì íàðàòóðù íðíòǎǎǎíðà àí àðǎíÿ çǎàðóçèè ǎeǎòǎì ù

Âñòðíáííúé Çáóê

- C-Media CMI9739a 6-è èàíàèüíúé audio codec
- Ííëííáóíëáêñíúé 20-àèðíúé ñòáðáí éíááê ñ íàçààèñèì ùì èçìáíáíèàì -àñòíðù ñæàðèý
- Áùñíëíëà-áñòááíúé àèðòáðáíòèàèüíúé CD áðíà
- Íàñòíýùèé èèíáéíúé ñòáðáí áùðíà
- Èíðáðòáéñà S/PDIF-in è S/PDIF-out
- 6-è èàíàèüíúé çáóëíáíé áùðíà

Âñòðíáííúá ñáðááùá òóíéòèè

- Áùñòðúé éííððíëèáð Realtek RTL8110S Gigabit LAN PCI
- Âñòðíáííúá òóíéòèè óíðáàèáíèý ìèðáíèàì
- Ííëííáóíëáêñíáý ìíáááðæèà íà 10, 100 è 1000 Mbps
- Ìíáááðæèááò IEEE 802.3u auto-negotiation
- Ðááíðà -áðáç ø íóð óíðáàèáíèý

Èíðáðòáéñ SATA IDE/RAID

- Silicon Image Sil3112A
- Ááà èíðáðòáéñà SATA (Serial ATA) ñíàìáñòèì ñí ñíáðèòèèàòèáé SATA 1.0 (èíðáðòáéñ 1.5Gbps)
- Ìíáááðæèááò RAID 0 è 1

Èíðáðòáéñ IEEE 1394

- VIA VT6306 PCI 1394
- Ìíáááðæèááò òðè ìíðà 100/200/400 Má/ñáê

Èííððíëèáð PCI IDE ìàñòáð øéíù

- Ìíáááðæèááò æáñòèèà àèñèè ATA/33, ATA/66 è ATA/100
- PIO Mode 4 Ðàñøèðáííúé IDE (ñèíðíñòù ìáðááà-è àáííúð áí 14 ì Á/ñáê.)
- Ìàñòáðèíà øéíù ñíèæááò íáððóçéó íà óáíðàèüíúé ìðíóáñíð
- Ìíáááðæèááò ATAPI CD-ROM, LS-120 è ZIP

×èíñáð Socket

- Socket 478

AGP (Accelerated Graphics Port)

- Ĩĩäääđæëääå ñĩăöêôêâöèè AGP 3.0 (AGP 4x è 8x) è AGP 2.0 (AGP 1x è 4x)
- Ĩĩäääđæëääå êâðòû 1.5V AGP 8x (2.13Ăá/ňăê.) è AGP 4x (1066Má/ňăê.). AGP êâðòû AGP 2x è 3.3V ĩă ĩĩäääđæëääþðñŷ.

İ î ð ò ù Â â î ä à / Â û â î ä à (I/O) ç à ä í ä é î à í ä è è

- 1 PS/2 i îðò äëý i ûø è
- 1 PS/2 i îðò äëý êêââêâòðóû
- 1 âiâøiââi DB-9 i îðòà
- 1 âiâøiââi DB-25 i àðâêâëüíúé i îðò
- 4 USB 2.0/1.1 i îðòà
- 1 IEEE 1394 i îðò
- 1 RJ45 LAN i îðò
- 2 S/PDIF RCA çâóèà (S/PDIF-in è S/PDIF-out)
- 3 âiâçàà äëý çâóèà: âúðîä, âðîä è i èêðîðîíi
- 2 âiâçàà äëý çâóèà: center/bass è rear out

Đàçúả ì û Ââîăà/Âûâîăà

- [illegible]

Něĩòù

- 1 AGP ñěĩòíâ è 5 PCI ñěĩòíâ

Ñíàíǎñòèìíñòù

- PCI 2.2 è AC '97 è Intel AGP áǎđñèè 3.0

6.2 CMOS Reloaded

İĩǎíǎíp CMOS Reloaded ĩĩçâĩëyǎò ààì, ĩðè íǎíǎóíǎèìíñòè, ñĩððǎíyòù ðàçèè-íúǎ êĩíðèǎóðǎòèè, ÷òíǎú â ààèüíǎéðǎì âĩññòǎííǎèòü ĩǎíó èç ðǎíǎǎ ñĩððǎíǎííüð êĩíðèǎóðǎòèè. Âüǎǎðèðǎ CMOS Reloaded â ãèǎǎíĩ ìǎíp Award BIOS è íǎèìèðǎ <Enter>.

Âü ĩĩǎǎðǎ ñĩððǎíèòü ǎĩ ãǎóð êĩíðèǎóðǎòèè – â ĩĩèǎ “User Define Config 1” è “User Define Config 2”.



Ñĩððǎíǎíèǎ Êĩíðèǎóðǎòèè

İĩñèǎ òĩǎĩ, èǎè âü çǎǎǎððèèè ãñǎ íǎíǎóíǎèìíúǎ óñòǎííǎèè, ĩǎðǎìǎñòèðǎ éóðñĩð ĩǎ “Backup” â “User Define Config 1” è íǎèìèðǎ <Enter>.

Âĩññòǎííǎèǎíèǎ Êĩíðèǎóðǎòèè

×òíǎú âĩññòǎííǎèòü ðǎíǎǎ ñĩððǎíǎííüǎ êĩíðèǎóðǎòèè, ĩǎðǎìǎñòèðǎ éóðñĩð ĩǎ “Load” â “User Define Config 1” è íǎèìèðǎ <Enter>.

Ìǎǎǎèìǎííǎǎíèǎ Êííòèǎǎǎǎǎǎèè

Ííóííè÷ǎíèþ, ñíǎǎǎíǎíèþ â ííèǎ “User Define Config 1” ǎǎǎǎǎǎ èìý “Config 1” è “Config 2” â ííèǎ “User Define Config 2”. ×òíǎú íǎǎǎèìǎííǎǎǎǎ ñíǎǎǎíǎíèǎ, íǎǎǎíǎǎǎǎǎ èóǎǎíǎ íǎ “Rename” è íǎǎèìèǎ <Enter>. Âú ìíǎǎǎǎ ǎǎǎǎǎè ǎí 16 ñèìǎíèíǎ. Äëý ñíǎǎǎíǎíèý ǎòíǎíè êííòèǎǎǎǎǎè ñèǎǎǎǎ ííǎòíǎǎǎ ííèñǎííúǎ íǎíǎǎǎǎǎ, íí, íǎ ýòíò ðǎç, â ííèǎ “User Define Config 2”.

6.3 Êíííèǎǎǎǎǎǎ

Êíííèǎǎǎǎǎǎ ííñǎǎǎèè ìǎǎǎǎǎíñèíè íèǎǎú:

- ☑ ìǎǎǎǎǎíñèǎý íèǎǎ
- ☑ Ðóéíǎíǎñǎǎí ííèúçíǎǎǎǎǎǎ
- ☑ Íǎèí IDE øèǎéòǎ äëý IDE
- ☑ Íǎèí øèǎéò äëý òèíííè ìèñèǎ
- ☑ Äǎǎ øèǎéò Serial ATA
- ☑ Íǎèí øèǎéò øíóǎí ìèòǎíèý Serial ATA
- ☑ Çǎǎíýý íèǎíèǎ ñ game/MIDI ííðǎ
- ☑ Çǎǎíýý íèǎíèǎ ñ IEEE 1394 ííðǎ
- ☑ Íǎèí íǎǎíð PC Transpo
- ☑ Íǎíí óñòǎíèñǎǎí FrontX
 - Äǎǎ USB 2.0/1.1 ííðǎ, Íǎíí IEEE 1394 ííðǎ, Íǎèí ðǎçúǎì èèíǎéííǎí âúǎíǎǎ, Íǎèí ðǎçúǎì ìèèðíòííǎ è 4-ò áíǎøíèð äèǎǎííñòè÷ǎñèèð èíǎèèǎòíðíǎ
- ☑ Íǎíǎ çǎùèòíǎý íèǎíèǎ I/O
- ☑ Íǎíǎ ñèèèèíííǎý íǎñǎ (íǎ íñííǎǎ ñèèèèííǎ)
- ☑ Íǎíǎ íǎèèǎéèǎ LANPARTY
- ☑ Íǎèí çíǎ÷íè íǎèíðíóñ
- ☑ Íǎíǎ óíǎèíǎèǎ äǎǎì íǎðíǎ (íýúú 2.54mm äǎǎì íǎðíǎ)
- ☑ Íǎíǎ äèñèǎǎ “Silicon Image Sil3112A RAID Drivers”
- ☑ Íǎèí CD ñ “Mainboard Utility”
- ☑ Íǎèí CD äèñè “WinDVD/WinRIP Utility”

ǎñèè â èíííèǎǎǎ èç ýòíǎí ÷ǎǎí-òí íǎ ðǎǎǎǎǎ èèè ÷òí-òí èñíííð÷ǎíí, ííǎèèóéñǎ, ñǎýǎèòǎñú ñí ñǎíèì äèèǎðíì èèè íðíǎǎǎǎí.Çǎ áíèǎǎ ííǎðíǎíè èíóíðíǎǎèǎé íǎ óñòǎíèñǎǎ FrontX íǎðǎèèòǎñú è ðóéíǎíǎñǎǎ LANPARTY.