

865PE-ALE Rev. B

**System Board User's Manual
Carte Mère Manuel Pour Utilisateur
System-Platine Benutzerhandbuch
Manual del Usuario de Placas Base
Руководство Пользователя**

935-865PE2-300
83410445

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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: 1. Danger of explosion if battery incorrectly replaced. 2. Replace only with the same or equivalent type recommend by the manufacturer. 3. Dispose of used batteries according to the battery manufacturer's instructions.

Notice

The system board and accessories in the package may not come similar to the information stated in this manual. This may differ in accordance to the sales region or models in which it was sold. For more information about the standard package in your region, please contact your dealer or sales representative.

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.

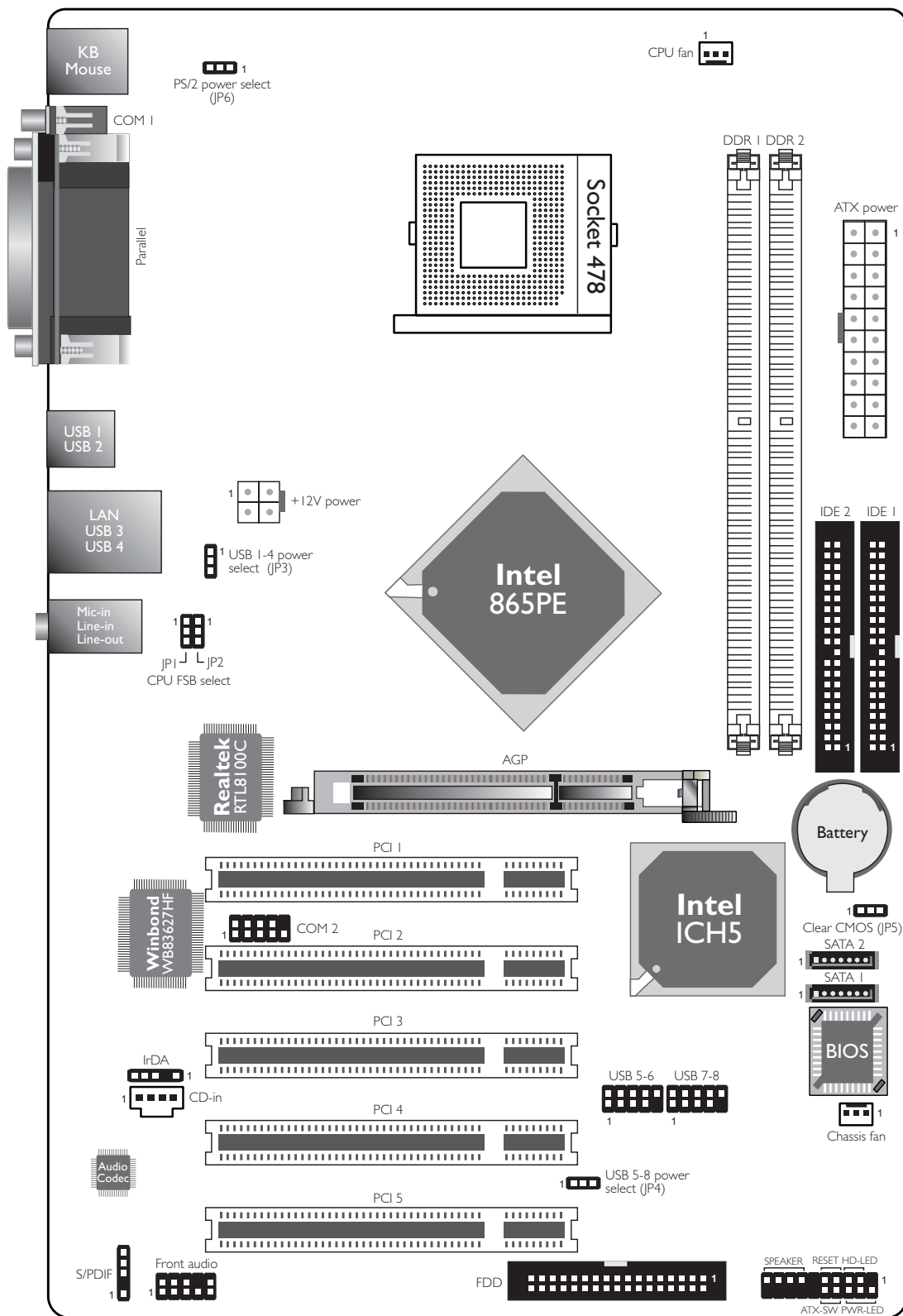
Das Benutzerhandbuch in der angebotenen CD enthält detaillierte Informationen über die Hauptplatine. Wenn in manchen Fällen manche Informationen nicht denjenigen Informationen dargestellt in diesem Handbuch entsprechen, soll dieses Handbuch als die meist aktualisierte Ausgabe gelten.

El uso explicativo contiene 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, es que es más nuevo.

В руководстве пользователя на предоставляемом CD диске содержится подробная информация о материнской плате. Иногда напечатанное руководство может не совпадать руководством на CD, так как последнее наиболее часто обновляется и является самым свежим.

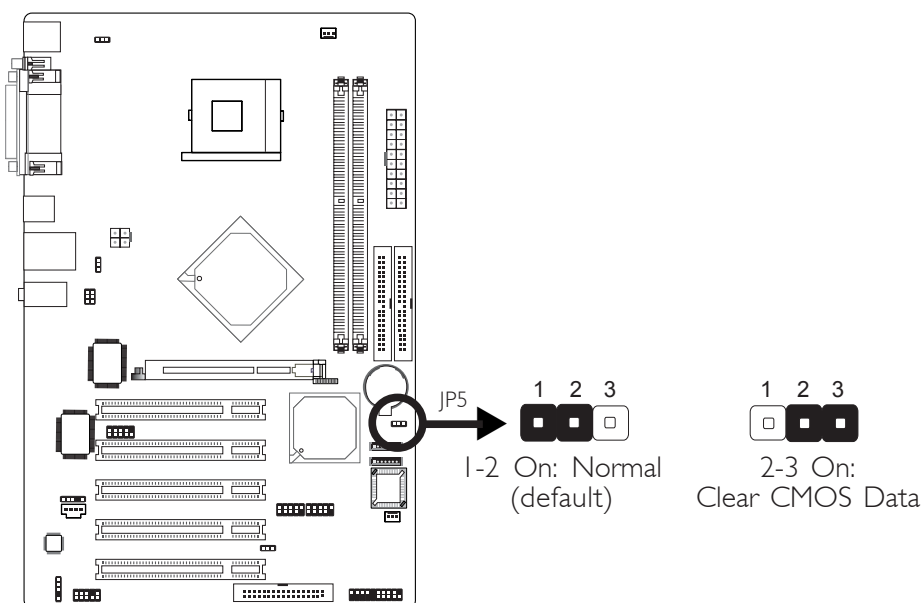
Chapter 1 - Quick Setup Guide

1.1 System Board Layout

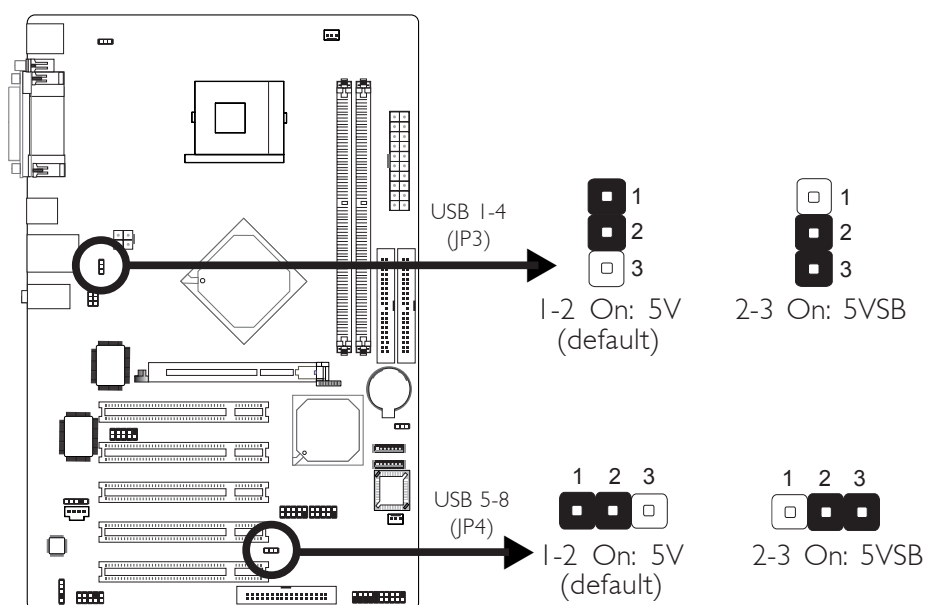


1.2 Jumpers

1.2.1 Clear CMOS Data



1.2.2 USB Power Select

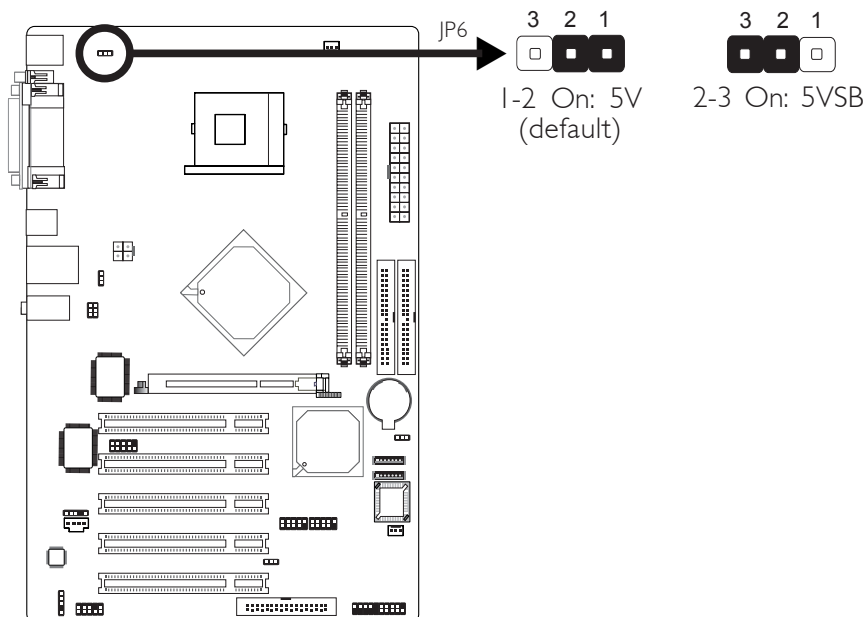


Important:

If you are using the Wake-On-USB Keyboard/Mouse function for 2 USB ports, the 5VSB power source of your power supply must support $\geq 1.5A$. For 3 or more USB ports, the 5VSB power source of your power supply must support $\geq 2A$.

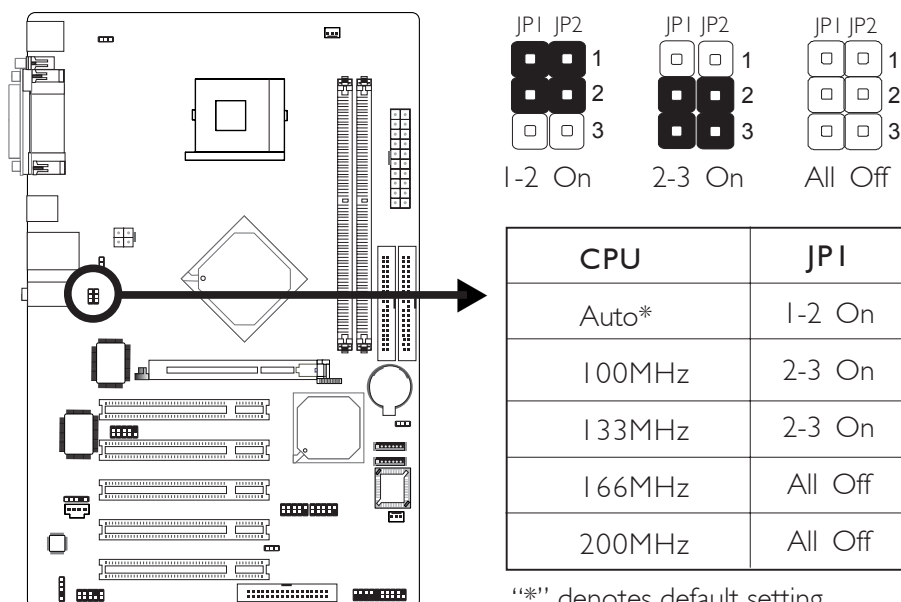
Quick Setup Guide

1.2.3 PS/2 Power Select

**Important:**

The 5VSB power source of your power supply must support $\geq 720\text{mA}$.

1.2.4 CPU FSB Select

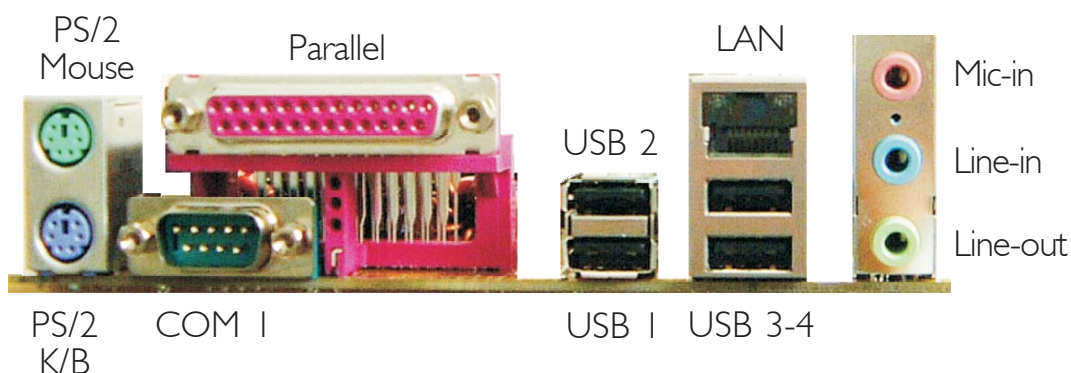


“*” denotes default setting

**Important:**

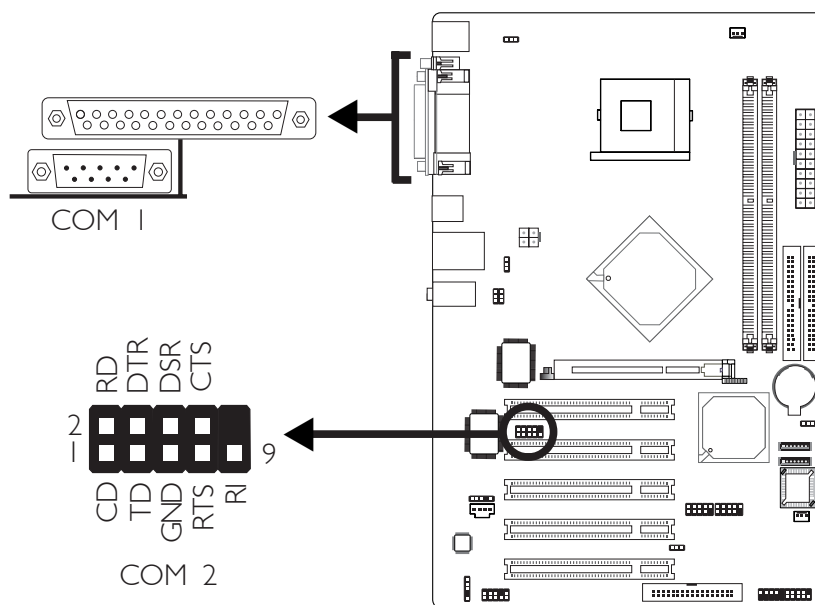
- If you are using a CPU whose frequency has been locked by the manufacturer, overclocking will have no effect.
- Overclocking may result to the CPU's or system's instability and are not guaranteed to provide better system performance.

I.3 Rear Panel I/O Ports

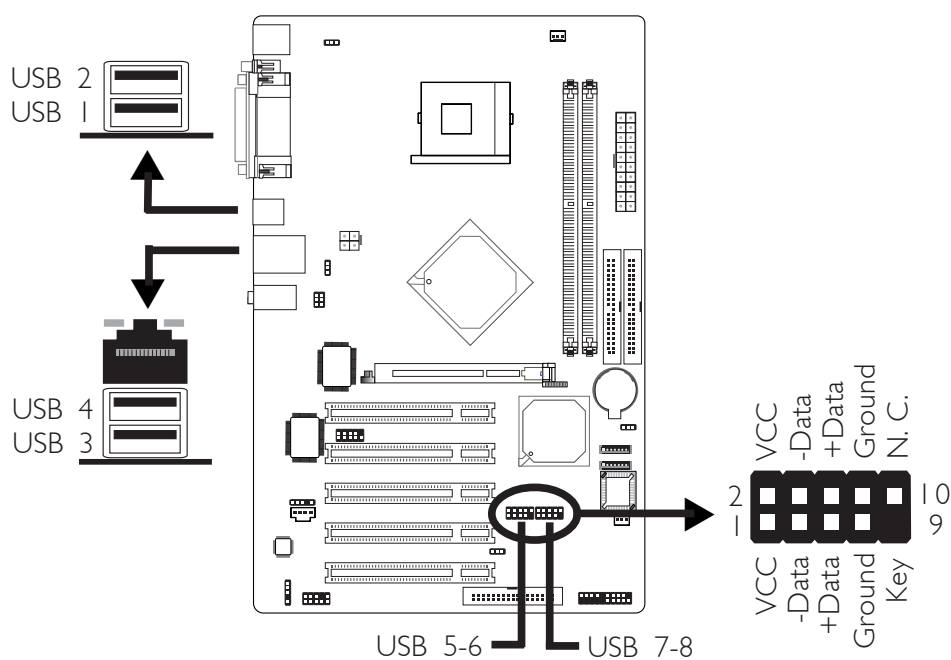


I.4 I/O Connectors

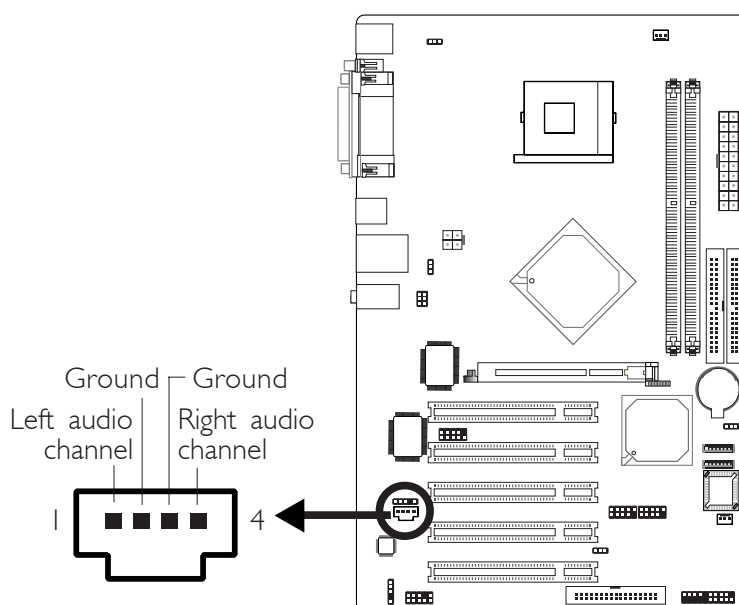
I.4.1 Serial Ports



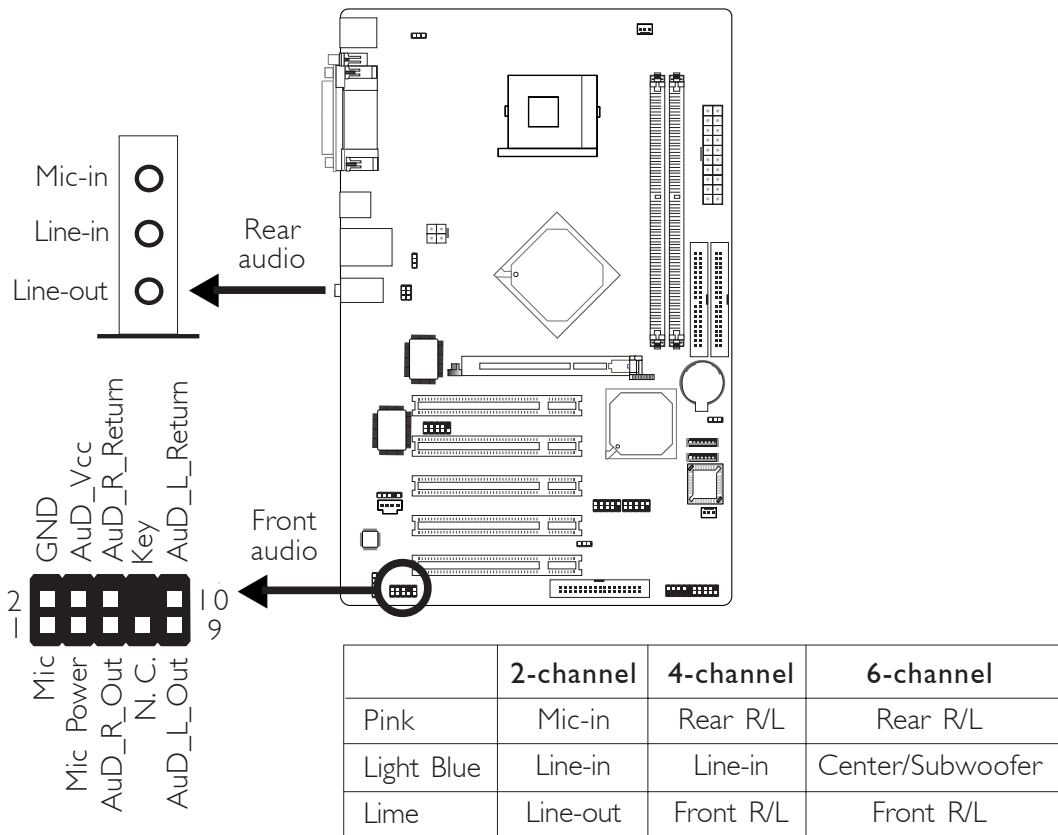
I.4.2 Universal Serial Bus Ports



I.4.3 CD-in Internal Audio Connector



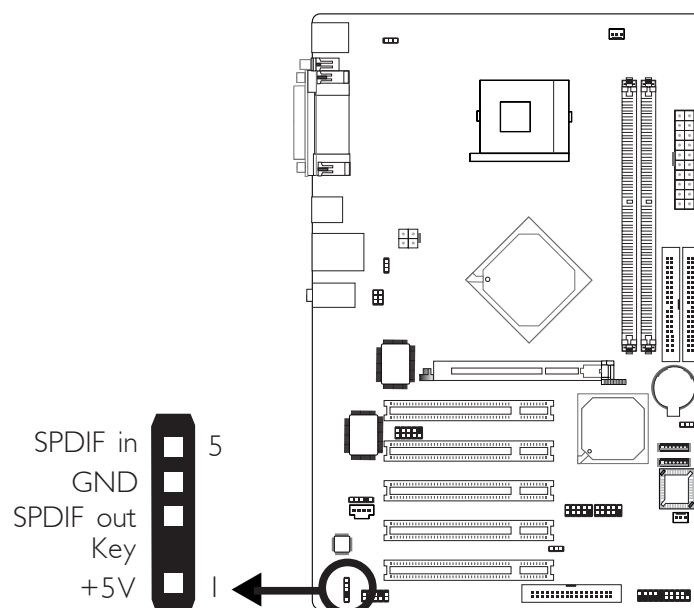
1.4.4 Audio (Rear Panel Audio and Front Audio)



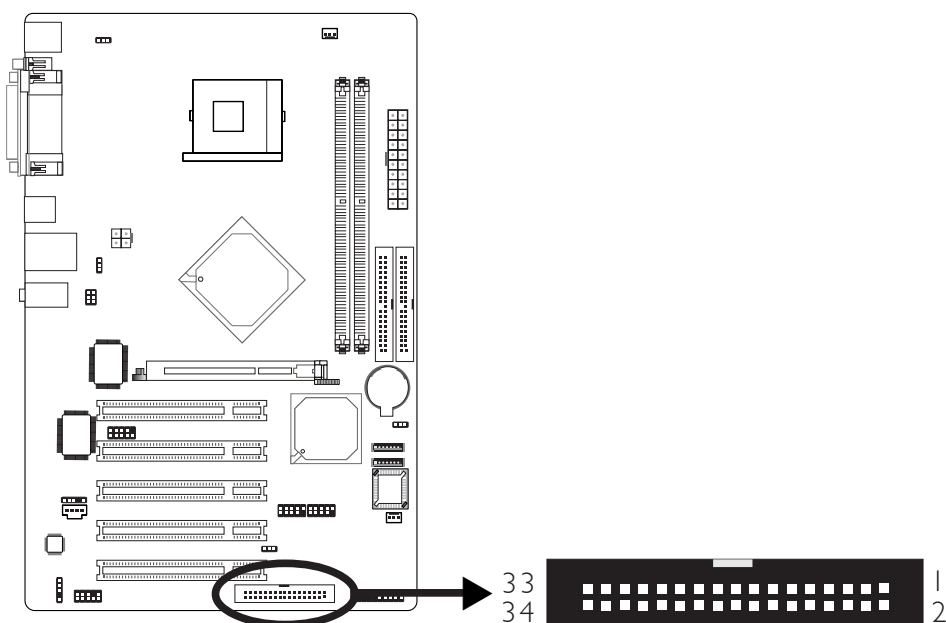
Note:

The audio jacks at the rear panel will support 6-channel audio only when the audio utility is configured to support this function.

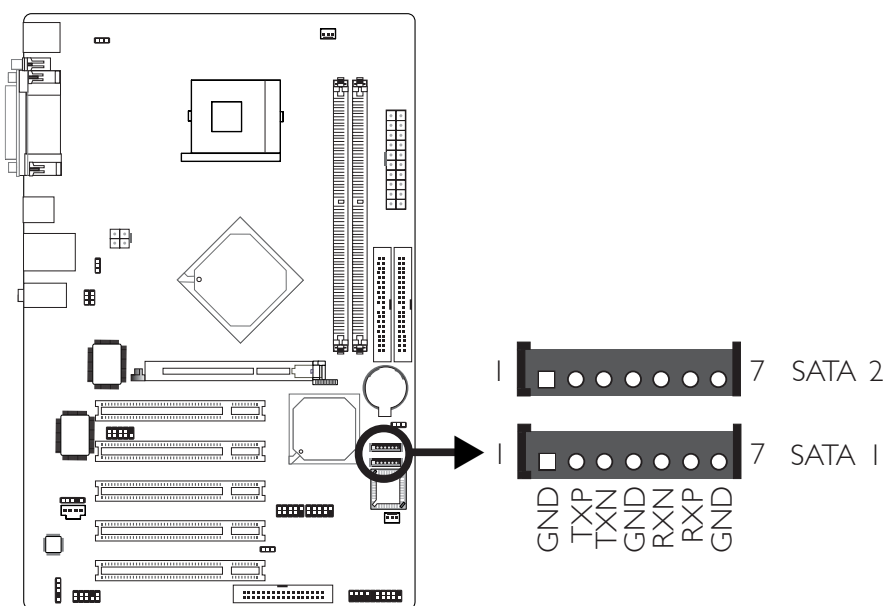
1.4.5 S/PDIF Connector



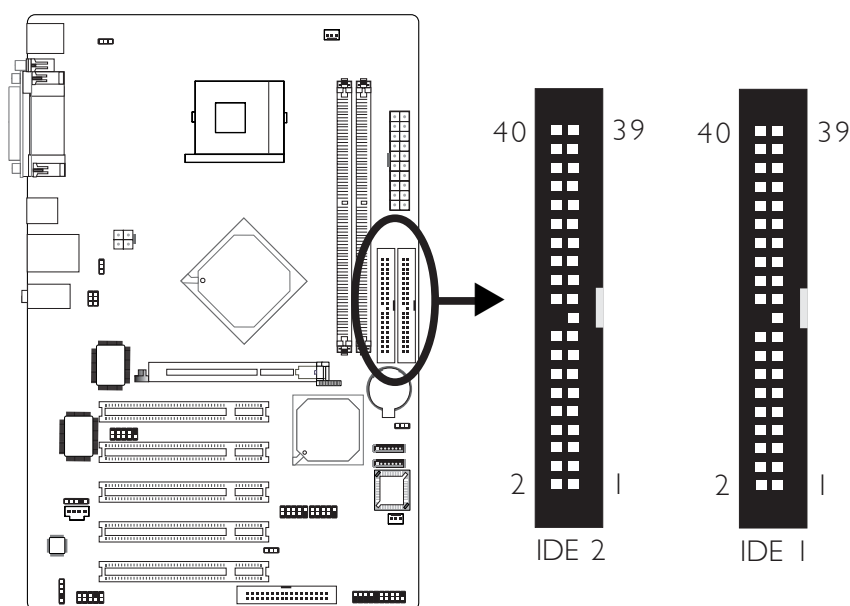
I.4.6 Floppy Disk Drive Connector



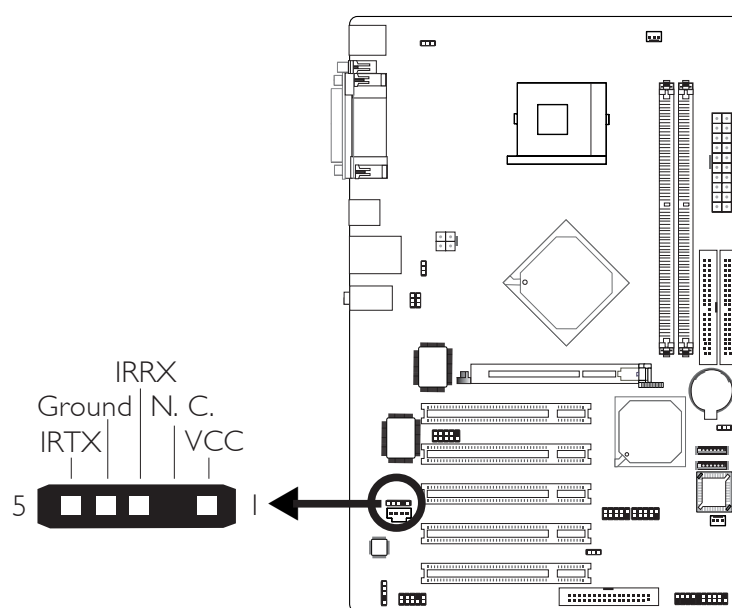
I.4.7 Serial ATA Connectors



I.4.8 IDE Disk Drive Connector



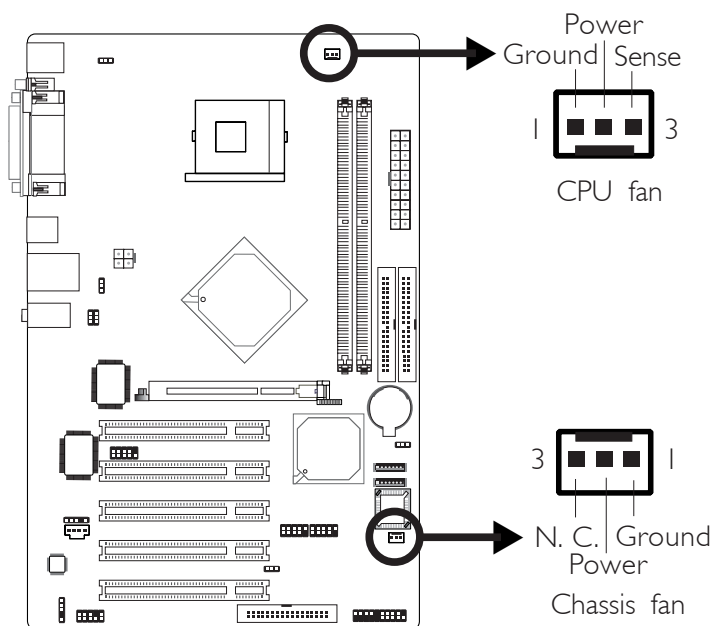
I.4.9 IrDA Connector



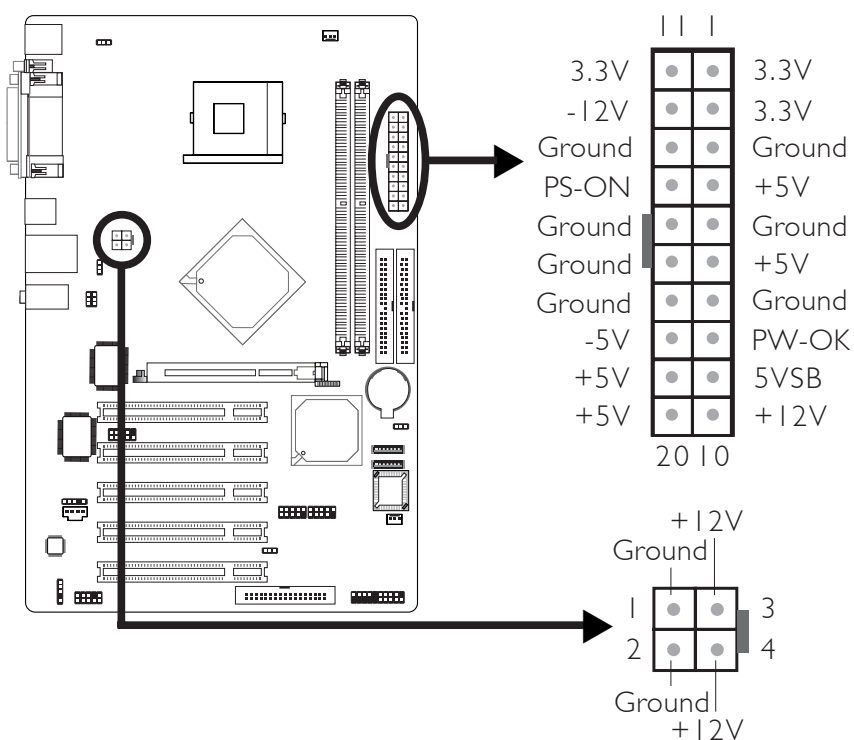
Note:

The sequence of the pin functions on some IR cable may be reversed from the pin function defined on the system board. Make sure to connect the cable connector to the IR connector according to their pin functions.

1.4.10 Cooling Fan Connectors



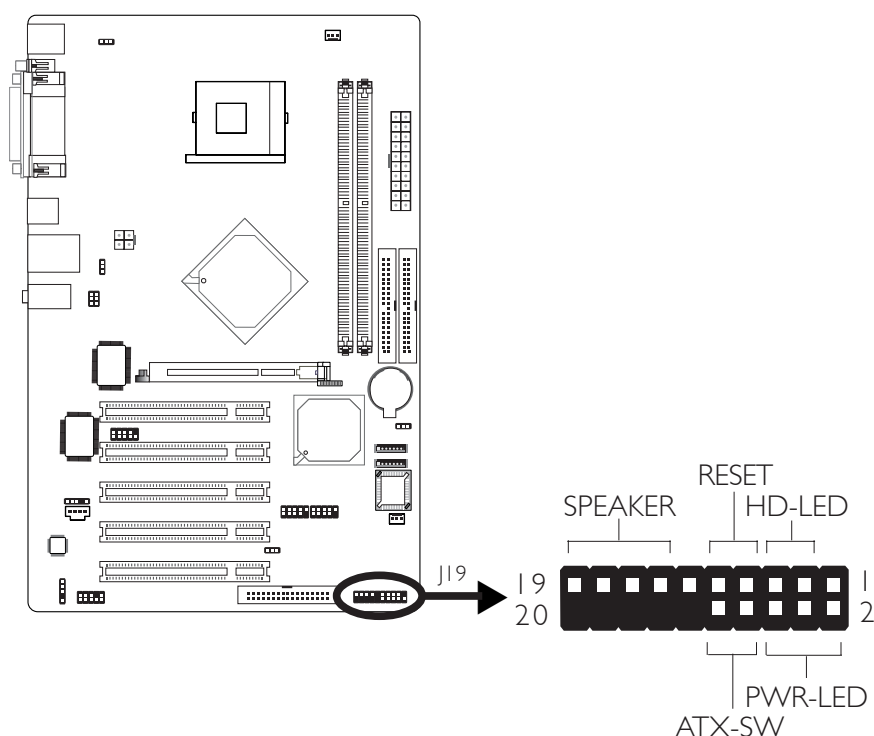
1.4.11 Power Connectors



Important:

To ensure that adequate power is provided, use a 300 Watt (or greater) power supply.

1.4.12 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

Chapter 2 - English

2.1 Features and Specifications

Processor

- Intel® Pentium® 4 (Prescott and Northwood) processor up to 3.4GHz+
 - Intel Hyper-Threading Technology
 - FSB: 533MHz and 800MHz
- Intel® Celeron® D processor
 - 533MHz system data bus
- Intel® Celeron® processor
 - 400MHz system data bus
- Processor socket: Socket 478

Chipset

- Intel® 865PE chipset
 - Intel® 82865PE Memory Controller Hub (MCH)
 - Intel® 82801ER I/O Controller Hub (ICH5)

System Memory

- Two 184-pin DDR DIMM sockets
- Supports dual channel (128-bit wide) memory interface
- Supports up to 2GB 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 DIMMs
- Supports up to 512Mb DRAM densities
- Supports unbuffered DIMMs

BIOS

- Award BIOS, Plug and Play compatible
- 2Mbit flash memory

Energy Efficient Design

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

System Health Monitor Functions

- Monitors CPU temperature and overheat alarm
- Monitors CPU/1.5V/3.3V/5V/±12V/VBAT/5VSB voltages
- Monitors the fan speed of the CPU fan
- CPU Overheat Protection function monitors CPU temperature and fan during system boot-up - automatic shutdown upon system overheat

Onboard Audio Features

- 6-channel audio CODEC
- 20-bit stereo full-duplex codec with independent variable sampling rate
- True stereo line level outputs
- S/PDIF-in/out interface

Onboard LAN Features

- Realtek RTL8100C PCI controller
- Integrated power management functions
- Full duplex support at 10 Mbps and 100 Mbps
- Supports IEEE 802.3u auto-negotiation
- Supports wire for management

Serial ATA Interface

- Supports two SATA (Serial ATA) interfaces which are compliant with SATA 1.0 specification (1.5Gbps interface)

IDE Interface

- Supports up to UltraDMA100Mbps hard drives

Rear Panel I/O Ports

- 1 mini-DIN-6 PS/2 mouse port
- 1 mini-DIN-6 PS/2 keyboard port
- 1 DB-25 parallel port
- 1 DB-9 serial port
- 1 RJ45 LAN port
- 4 USB 2.0 ports
- Mic-in, line-out and line-in jacks

I/O Connectors

- 2 connectors for 4 additional external USB 2.0 ports
- 1 connector for one external serial port
- 1 front audio connector for external line-out and mic-in jacks
- 1 CD-in internal audio connector
- 1 S/PDIF connector for optical cable connection
- 1 IrDA connector
- 2 Serial ATA connectors
- 2 IDE connectors
- 1 floppy connector
- 1 20-pin ATX power connector
- 1 4-pin ATX 12V power connector
- 1 front panel connector
- 2 fan connectors

Expansion Slots

- 1 AGP 8x slot
- 5 PCI slots

PCB

- ATX form factor
- 30.5cm (12.01") × 20cm (7.87")

2.2 Package Checklist

- ☑ One system board
- ☑ One IDE cable
- ☑ One floppy cable
- ☑ One Serial ATA data cable
- ☑ One I/O shield
- ☑ One "Mainboard Utility" CD
- ☑ One user's manual

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

Chapter 3 - Français

3.1 Caractéristiques et Spécifications

Processeur

- Les processeurs Intel® Pentium® 4 (Prescott et Northwood) supporte jusqu'à 3.4GHz+
 - Intel Hyper-Threading Technologie
 - FSB: 533MHz et 800MHz
- Processeur Intel® Celeron® D
 - 533MHz vitesse du bus
- Processeur Intel® Celeron®
 - 400MHz vitesse du bus
- Processeur socket: Socket 478

Chipset

- Intel® 865PE chipset
 - Intel® 82865PE Contrôleur du Mémoire (MCH)
 - Intel® 82801ER I/O Contrôleur Entrée/Sortie (ICH5)

Mémoire Système

- 2 sockets DDR DIMM 184 broches
- Support d'interface de la mémoire à deux canaux (128-bit)
- Support de 2GB 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 non-ECC
- Supporte une densité de RAM jusqu'à 512Mb
- Supporte les DIMM non-tamponnés

BIOS

- Compatible avec Award BIOS, compatible avec Plug and Play
- Mémoire Flash 2Mbit

Design à Haut Rendement Énergétique

- ACPI STR (Suspend to RAM) fonction
- Réveil-Sur-PS/2 Clavier/Souris et Réveil-Sur-USB Clavier/Souris
- Eveil Sonnerie et 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
- Gère l'alarme de voltage et d'échec de CPU/1.5V/3.3V/5V/ $\pm 12V$ /VBAT/5VSB
- Gère la vitesse de ventilateur du ventilateur de CPU
- Protection du CPU - supporte la mise hors circuit automatique en cas de surchauffage du système

Caractéristiques Audio sur Carte

- CODEC audio 6-canaux
- Codec full-duplex 20 bits stéréo avec fréquence d'échantillonnage variable indépendante
- Sorties de niveau de lignes stéréo vraies
- Interface entrée/sortie S/PDIF

Fonctionnalités Onboard LAN

- Realtek RTL8100C PCI LAN
- Fonctions de gestion d'alimentation intégrées
- Support Full duplex à 10 Mbps et 100 Mbps
- Supporte l'auto négociation IEEE 802.3u
- Support câble pour la gestion

Interface Serial ATA

- Supportant 2 interface SATA (Serial ATA) compatible avec la spécification SATA 1.0 (bande passante à 1.5Gbps)

Contrôleur IDE

- Supporte des disques durs jusqu'à UltraDMA 100Mbps

Le Panneau des Ports Entrée/Sortie en Arrière

- 1 port souris PS/2
- 1 port clavier PS/2
- 1 port parallèle DB-25
- 1 port de DB-9 série
- 1 port RJ45 LAN

- 4 ports USB 2.0/1.1
- Mic-in, line-out et line-in

Connecteurs Entrée/Sortie

- 2 connecteurs pour 4 ports USB 2.0/1.1 supplémentaires
- 1 connecteur pour 1 port série supplémentaires
- 1 connecteur audio de l'avant pour la sortie ligne et l'entrée micro
- 1 connecteur CD-in audio internes
- 1 S/PDIF l'assemblage pour l'adjonction de câble optique
- 1 connecteur pour interface IrDA
- 2 connecteurs Serial ATA
- 2 connecteurs IDE
- 1 connecteur de lecteur de disquettes
- 1 connecteurs d'alimentation 20-pin ATX
- 1 connecteur d'alimentation 4-pin 12V ATX
- 1 connecteur devant panneau
- 2 connecteurs de ventilateurs

Logements d'Extension

- 1 slot AGP 8x
- 5 slots PCI

PCB

- ATX, 30.5cm (12.01") x 20cm (7.87")

3.2 Liste de Vérification de l'Emballage

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

- ☒ 1 carte système
- ☒ 1 câble IDE
- ☒ 1 câble FDD
- ☒ 1 câble Serial ATA
- ☒ 1 plaque I/O
- ☒ 1 CD "Mainboard Utility"
- ☒ 1 manuel utilisateur

Si l'un de ces éléments n'était pas dans l'emballage ou s'il était endommagé, veuillez contacter votre revendeur ou votre représentant.

Chapter 4 - Deutsch

4.1 Leistungsmerkmale und Technische Daten

Prozessor

- Intel® Pentium® 4 Prozessor (Prescott und Northwood)
unterstützt bis zu 3.4GHz+
 - Intel Hyper-Threading Technologie
 - FSB: 533MHz und 800MHz
- Intel® Celeron® D Prozessor
 - 533MHz Systemdatenbus
- Intel® Celeron® Prozessor
 - 400MHz Systemdatenbus
- Prozessor Buchse: Buchse 478

Chipset

- Intel® 865PE chipset
 - Intel® 82865PE Speichersteuerungs-Plattenmitte (MCH)
 - Intel® 82801ER I/O Steuerungsplattenmitte (ICH5)

Systemspeicher

- 2 184-Stift DDR DIMM Buchsen
- Unterstützt 2-Kanal (128-bit breit) Speicherschnittstellen
- Unterstützt bis zu 2GB 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 non-ECC DIMM
- Unterhält bis zum 512Mb DRAM
- Unterhält DIMMs ohne Dämpfer

BIOS

- Kompatibilität mit Award BIOS, Plug and Play
- Flash-Speicher (2Mbit)

Energomisches Design

- ACPI STR (Suspend to RAM) funktion
- Wecken bei Betätigung der PS/2 Tastatur/Maus
- Wecken bei USB-Tastatur/Maus
- 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 sowie Warnsignal bei Überhitzung
- Überwachung der Spannungen des CPU/1.5V/3.3V/5V/±12V/VBAT/5VSB
- Überwachung der Geschwindigkeit des CPU-Ventilators
- Prozessor-Shutz - Die Ausschaltung bei der Überhitzung – die automatische Ausschaltung des Computers bei der Überhitzung

Audiomerkmale auf Platine

- 6-Kanal-Audio-CODEC
- 20-Bit-Stereo-Vollduplex-Codec mit unabhängiger und variabler Abtastfrequenz
- Naturgetreue Stereo-Leitungspegel-Ausgabe
- S/PDIF-In/Aus-Schnittstelle

Merkmale des LAN auf Platine

- Realtek RTL8100C PCI LAN
- Integrierte Power-Management-Funktionen
- Vollduplex-Unterstützung bei 10 Mbps und 100 Mbps
- Unterstützung der IEEE-802.3u-Auto-Negotiation
- Unterstützung des Leiters für das Management

Serial ATA

- Unterstützt 2 SATA (Serielle ATA)-Schnittstelle, die mit SATA 1.0 Spezifikation (1.5Gigabits Schnittstelle) konform ist.

IDE-Controller

- Unterstützung der Festplatten bis zum UltraDMA 100Mbps

Ein-/Ausgabe-Porte an der Rückwand

- 1 Mini-DIN-6-Anschluß für eine PS/2-Maus
- 1 Mini-DIN-6-Anschluß für eine PS/2-Tastatur
- 1 DB-25-Parallelanschluß
- 1 serieller DB-9-Anschlüsse
- 1 RJ45 LAN-Anschlüsse
- 4 USB 2.0/1.1-Anschlüsse
- Mic-in, line-out und line-in

Ein-/Ausgabe-Steckverbinder

- 2 Anschlußfassung für 4 zusätzliche externe USB 2.0/1.1-Anschlüsse
- 1 Anschlußfassung für 1 zusätzliche externe serieller-Anschlüsse
- 1 Frontaudioanschluß für die externe Ausgangsleitung und den Mikrofoneingang
- 1 interne Audioanschlüsse (CD-in)
- 1 S/PDIF Anschluß für die Verbindung des optischen Kabel
- 1 Anschluß für die IrDA-Schnittstelle
- 2 Serial-ATA-Anschlüsse
- 2 IDE-Anschlüsse
- 1 Floppy-Anschlüsse
- 1 Anschlußstecker für das 20-pin ATX-Netzgerät
- 1 Anschlußstecker für das 4-pin 12V ATX-Netzgerät
- 1 Vorderseite Füllung Anschlüsse
- 2-ventilator-Anschlüsse

Erweiterungssteckfassungen

- 1 AGP-Einbauplätzen (8x)
- 5 PCI-Einbauplätzen

Die Druckplatte

- ATX
- 30.5cm (12.01") × 20cm (7.87")

4.2 Verpackungsliste

In der Verpackung der Systemplatine sind folgende Artikel enthalten:

- ☒ | Systemplatine
- ☒ | IDE-Kabel
- ☒ | Floppy-Kabel
- ☒ | SATA-Kabel
- ☒ | I/O-Schutzdeckel
- ☒ | CD mit "Mainboard Utility"
- ☒ | Benutzerhandbuch

Fehlt einer dieser Artikel oder weist einer dieser Artikel Beschädigungen auf, wenden Sie sich an Ihren Händler oder Vertreter.

Chapter 5 - Español

5.1 Características y Especificaciones

Procesador

- Procesador Intel® Pentium® 4 (Prescott y Northwood) máximo de 3.4GHz+
 - Intel Hyper-Threading Tecnología
 - FSB: 533MHz y 800MHz
- Procesador Intel® Celeron® D
 - 533MHz canal de datos del sistema
- Procesador Intel® Celeron®
 - 400MHz canal de datos del sistema
- Procesador Zócalo: Zócalo 478

Chipset

- Intel® 865PE chipset
 - Hub de Controlador Memoria de Intel® 82865PE (MCH)
 - Hub de Controlador I/O de Intel® 82801ER (ICH5)

Memoria de Sistema

- 2 enchufes de 184-terminales DDR SDRAM DIMM
- Se soporta el interfaz de dos canales (128-bites)
- Se soporta 2GB 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
 - Usã PC2100 (DDR266) con procesador en el bus de 400MHz
- Soporta la memoria non-ECC DIMM
- Apoyo hasta 512 Mb DRAM
- Soporta unbuffered DIMM

BIOS

- Award BIOS
- Memoria Instante (2Mbitios)

Diseño Energía Eficiente

- ACPI STR (Suspend to RAM) función
- PS/2 Teclado/Ratón de Wake-On
- USB Teclado/Ratón de Wake-On
- 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 temperaturas y alarma acalorada.
- Monitores de voltajes de CPU/1.5V/3.3V/5V/±12V/VBAT/5VSB
- Vigila la velocidad del abanico del abanico del CPU
- Protección del procesador - Desconexión en caso de recalentamiento –el ordenador se desconecta automáticamente en caso de recalentamiento

Características de Audio En Tablero

- CODEC auricular de 6-canal
- Codec dúplex completo estéreo de 20-bit con independiente frecuencia de muestreo variable
- Auténtico salidas de nivel de línea estéreo
- Interfaz de S/PDIF-in/out

Características de LAN Interno

- Realtek RTL8100C PCI LAN
- Funciones de administración de energía integrado
- Soporte dúplex completo en ambos 10 Mbps y 100 Mbps
- Soporta auto negociación de IEEE 802.3u
- Soporta alambre para la administración

Interfaz Serial ATA

- Permite 2 interfaz SATA (Serie ATA) la cual es compatible con la especificación SATA 1.0 (interfaz 1.5Gbps)

Controlador de IDE

- Soporta las unidades duras hasta de UltraDMA 100Mbps

Panel de reverso de conectores de entrada - Salida

- 1 puerto de ratón PS/2
- 1 puerto de teclado PS/2
- 1 puerto paralelo de DB-25
- 1 puerto de serie DB-9
- 1 puerto de RJ45 LAN
- 4 puertos de USB 2.0/1.1
- Mic-in, line-out y line-in

I/O Conectores

- 2 conectores para 4 puertos de USB 2.0/1.1 externo adicional
- 1 conector para 1 puerto de serie externo adicional
- 1 conector audio delantero para la salida extrema de línea y el micro
- 1 conector de CD-in audio interno
- 1 S/PDIF mortaja para conexión de cable óptico
- 1 conector para interfaz de IrDA
- 2 conectores de Serial ATA
- 2 conectores de IDE
- 1 conector de disquete
- 1 conector de fuente de alimentación de ATX 20-pin
- 1 conector de fuente de alimentación de ATX 4-pin 12V
- 1 conector de panel delante
- 2 conectores de abanicos

Ranuras de Expansión

- 1 slot AGP 8x
- 5 slots PCI

La Placa Imprenta

- form-factor ATX
- 30.5cm (12.01") x 20cm (7.87")

5.2 Lista de Chequeo del Paquete

El paquete del tablero de sistema contiene los siguientes artículos:

- ☒ 1 tablero de sistema
- ☒ 1 cable de IDE
- ☒ 1 cable de FDD
- ☒ 1 cable SATA
- ☒ 1 tapa protectora I/O
- ☒ 1 CD de "Mainboard Utility"
- ☒ 1 manual de usuario

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

Глава 6 - Русский язык

6.1 Характеристики и свойства

Процессор

- Процессор Intel® Pentium® 4 (Prescott и Northwood)
Поддержка до 3.4GHz+
 - Intel технологией Hyper-Threading
 - FSB: 533MHz и 800MHz
- Процессор Intel® Celeron® D
 - 533MHz системная шина
- Процессор Intel® Celeron®
 - 400MHz системная шина
- Чипсет Socket: Socket 478

Чипсет

- Intel® 865PE chipset
 - Intel® 82865PE Memory Controller Hub (MCH)
 - Intel® 82801ER I/O Controller Hub (ICH5)

Оперативная Память

- Два DIMM гнезда под 184-pin DDR SDRAM
- Поддерживает двухканальный (128-битного) интерфейс
- Поддерживает 2Гб оперативной памяти
- Синхронная операция с системной шиной процессора
 - PC2100/PC2700/PC3200 (DDR266/DDR333/DDR400) с процессором на шине 800МГц. DDR333 будет работать на частоте 320МГц при использовании процессора на шине 800МГц.
 - Используйте PC2100/PC2700 (DDR266/DDR333) с процессором на шине 533МГц
 - Используйте PC2100 (DDR266) с процессором на шине 400МГц
- Поддерживает память non-ECC DIMM
- Поддержка до 512Мб DRAM
- Поддерживает небуфф. DIMM

BIOS

- Award BIOS, Plug and Play
- 2Mbit Flash Память

Энергомичный Дизайн

- ACPI STR (Suspend to RAM)
- Активизация На Движение Мыши
- Активизация На Нажатие Кнопки USB Клавиатуры
- Активизация На Входящий Звонок
- Активизация На Сетевое Событие
- RTC Таймер для Включения Системы
- Скачки Напряжения

Функции Мониторинга Состояния Системы

- Мониторинг температуры процессора
- Мониторинг напряжений CPU/1.5V/3.3V/5V/±12V/VBAT/5VSB
- Мониторинг скорости вращения вентилятора процессора
- Защита процессора - Выключение при перегреве – автоматическое выключение компьютера при перегреве

Встроенный Звук

- 6-и канальный звуковой CODEC
- Полнодуплексный 20-битный стерео кодек с независимым изменением частоты сжатия
- Настоящий линейный стерео выход
- интерфейса S/PDIF-in и S/PDIF-out

Встроенные сетевые функции

- Realtek RTL8100C PCI LAN
- Встроенные функции управления питанием
- Полнодуплексная поддержка на 10 Mbps и 100 Mbps
- Поддерживает IEEE 802.3u auto-negotiation
- Работа через шнур управления

Интерфейс Serial ATA

- Поддерживает 2 порта SATA (Serial ATA), совместимый со спецификацией SATA 1.0 (1.5Gbps)

Интерфейс IDE

- Поддерживает жесткие диски UltraDMA 100Mbps

Порты Ввода/Вывода (I/O) задней панели

- 1 мини-DIN-6 PS/2 порт для мыши
- 1 мини-DIN-6 PS/2 порт для клавиатуры
- 1 внешнего DB-25 параллельный порт
- 1 внешнего DB-9 порта
- 1 RJ45 LAN порт
- 4 USB 2.0/1.1 порта
- выход, вход и микрофон

Разъемы Ввода/Вывода

- 2 разъем для 4-х дополнительных внешних USB 2.0/1.1 портов
- 1 разъем для 1-х дополнительных внешних внешнего портов
- 1 передний аудио разъем для внешнего линейного выхода и микрофона
- 1 внутренних звуковых разъема (CD-in)
- 1 S/PDIF разъем для присоединения оптического кабеля
- 1 разъем для интерфейса IrDA
- 2 Serial ATA разъема
- 2 IDE разъема
- 1 FDD разъем
- 1 разъема питания ATX 20-pin
- 1 разъема питания ATX 4-pin 12V
- 1 Фронт панель разъем
- 2 Разъемы для вентилятора

Слоты

- 1 AGP слотов 8x
- 5 PCI слотов

Печатная плата

- ATX
- 30.5cm (12.01") x 20cm (7.87")

6.2 Комплектация

Комплектация поставки материнской платы:

- ☒ 1 Системная плата L
- ☒ 1 кабель IDE
- ☒ 1 кабель FDD
- ☒ 1 шлейф Serial ATA
- ☒ 1 защитная крышка I/O
- ☒ Один CD с "Mainboard Utility"
- ☒ 1 Руководство пользователя

Если в комплекте из этого чего-то не хватает или что-то испорчено, пожалуйста, свяжитесь со своим дилером или продавцом.