

COMMUNICATION TECHNIQUE

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Chapter 1 Specification

Introduction

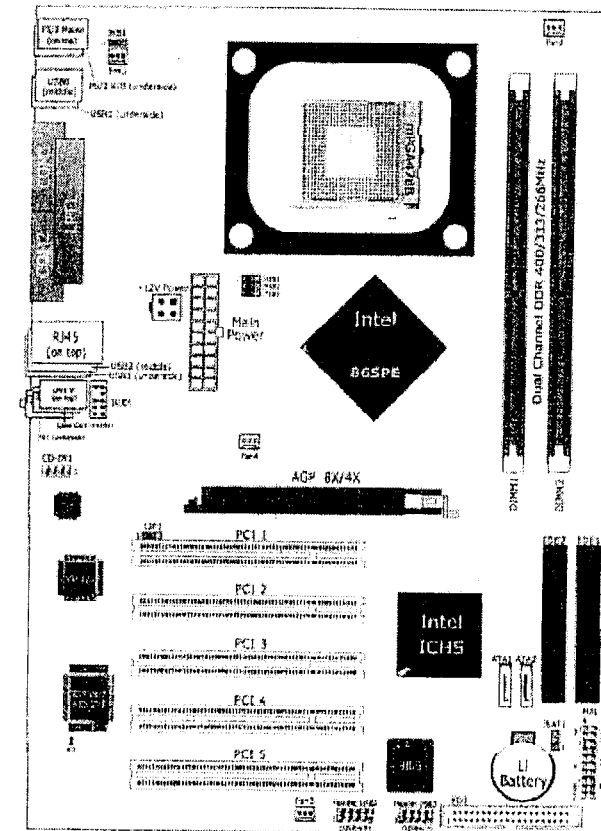
This series of mainboards features an integration of the powerful processor Intel Pentium 4 and the single-chip North Bridge Intel 865PE. The Intel P4 processor is a rapid execution engine providing 800/533/400MHz system bus, while North Bridge Intel 865PE is a high performance integrated chipset providing Dual Channel DDR 400/333/266 SDRAM memory interface, Hub interface as well as AGP interface.

Integrated with Intel 865PE, South Bridge Intel ICH5 supports the LPC I/O, upstream Hub interface, PCI interface, IDE interface, Serial ATA interface, USB 2.0 interface, AC'97 2.2 (6-channel) Audio interface and the interrupt control. This chapter is to introduce to users every advanced function of this high performance integration.

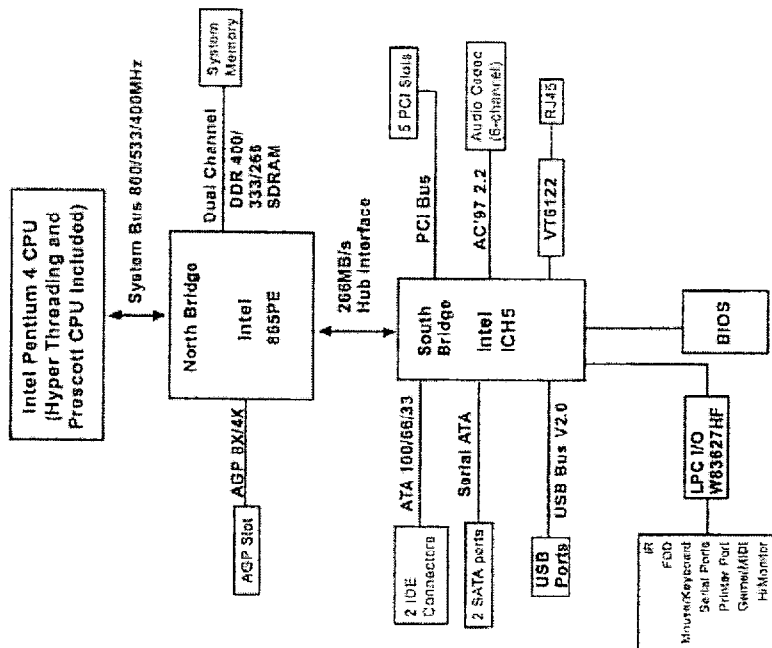
Topics included in this chapter are:
 1-1 Mainboard Layout
 1-2 Chipset Diagram
 1-3 Mainboard Specification Table
 1-4 Mainboard Specifications**

** If any difference is found between the mainboard description and the Mainboard you are using, please look up the Errata/Update Slip enclosed inside for the correction or updated information, or else contact the mainboard Dealer or visit our Web Site for the latest manual update.

1-1 Mainboard Layout



1-2 Chipset System Block Diagram



Pentium 4 + Intel 865PE + Intel ICH5 Diagram

1-3 Mainboard Specification Table

SL-865PE2-G Specifications and Features	
CPU	Socket 478B for P4 CPU (HT CPU and Prescott CPU included)
North Bridge	Intel 865PE, supporting 800/533/400MHz FSB
South Bridge	Intel ICH5
BIOS	AMI BIOS
Memory	Supporting Dual-channel DDR 400/333/266 SDRAM, up to 2GB in 2 DIMM slots
I/O Chip	W83627HF, with Hardware Monitor
AGP Interface	AGP8X/4X Mode only; 1 AGP Slot on board
Audio	AC'97 Audio 2.2 compliant, 6 channel audio
IDE Interface	2 UATA 66/100 IDE ports
SATA Interface	2 Serial ATA connectors
PCI Slots	5 PCI Master slots on board
I/O Connectors	8 USB V2.0, 1 FDD port, 2 COM ports, 1 LPT, 1 IrDA, 1 PS/2 K/B, 1 PS/2 Mouse
Networking	Gigabit Ethernet Controller VIA VT6122
Other common features	PS/2 Keyboard/Mouse Wake Up

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1-4 Mainboard Specifications

1-4.1 CPU Socket

CPU Socket 478B on board, supporting Intel® Pentium 4 processors (including Intel Hyper Threading CPUs and Prescott CPUs) in 478-pin package for :

- 800/533/400MHz System Bus -- 512KB L2 Advanced Transfer Cache
- Hyper-pipelined technology -- Advanced dynamic execution;
- Rapid Execution Engine -- Streaming SIMD Extensions 2
- 128 Bit Enhanced Floating Point Unit -- Execution Trace Cache

1-4.2 System Chipsets

North Bridge Intel 865PE:

- A high performance integrated chipset providing processor interface (including Hyper-Threading Technology), Dual channel DDR 400/333/266 SDRAM memory interface, Hub interface, AGP interface.
- Showing Hyper Threading Logo when booting with a Hyper-threading CPU.

South Bridge Intel ICH5:

- Supporting the LPC I/O, upstream Hub interface, PCI interface, IDE interface, Serial ATA interface, USB 2.0 interface, AC'97 2.2 (6-channel) Audio interface and the Interrupt control.

1-4.3 Memory

2 DDR DIMM 184-pin slots on board :

- Supporting unregistered, non-ECC Dual-channel DDR 400/333/266 SDRAM up to 2GBs
- DIMMs to be populated in identical pairs for Dual-channel operation
- SPD (Serial Presence Detect) Scheme for DIMM Detection supported

1-4.4 AMI BIOS

Flash Memory for easy upgrade, supporting BIOS Writing Protection Year 2000 compliant, and supporting various hardware configuration during booting system (See Chapter 4 BIOS Setup):

- Standard BIOS Features (Times, Date, System Information etc.)
- Advanced BIOS Features (CPU, IDE, Floppy, Super I/O, Hardware Health, ACPI, USB, and Frequency/Voltage Control)
- Advanced Chipset Features (NorthBridge, SouthBridge Configuration)
- PCI/PNP Resource Management (IRQ Settings, Latency Timers etc.)
- Boot Configuration Setup (Boot Settings, Boot Device Priority etc.)
- BIOS Security Features (Supervisor Password, User Password)

1-4.5 Accelerated Graphics Port (AGP) Interface

AGP Controller embedded on board, supporting:

- 1.5V (4x/8x) power mode only
- 8x 66MHz AD and SBA signalling, AGP pipelined split-transection longburst transfers up to 2GB/sec
- AGP 8X/4X supported, AGP V3.0 compliant

1-4.6 Advanced System Power Management

- ACPI 1.0B compliant (Advanced Configuration and Power Interface), including ACPI suspend mode support (See ACPI Configuration of Advanced BIOS Features in BIOS Setup)
- APM V1.2 compliant (Legacy Power Management)
- Supporting Wake On LAN
- Real Time Clock (RTC) with date alarm, month alarm, and century field

1-4.7 Multi-I/O Functions :

- Serial ATA Controller integrated in ICH5, supporting:
 - 2x Serial ATA connectors supporting up to 150MByte/s transfer rate
- PCI EIDE Controller, supporting:
 - 2x UATA100/66/33 IDE connectors supporting up to 4 IDE devices
- Dedicated IR Functions:
 - Third serial port dedicated to IR function either through the two complete serial ports or the third dedicated port infrared-IRDA (HPSIR) and ASK (Amplitude Shift Keyed) IR
- Multi-mode Parallel Data Transfer:
 - Standard mode, high speed mode ECP and enhanced mode EPP
- Floppy Disk Connector:
 - One FDD connector supporting 2 floppy drives with drive swap support
- Universal Serial Bus Transfer Mode:
 - USB V2.0 compliant: 480Mb/s USB Bus, supporting Windows 2000 or later operating system (no support for Windows 9X/ME)
 - 4 built-in USB connectors and 2 USB Headers which require 2 additional USB cables to provide 4 more optional USB ports
- PS/2 Keyboard and PS/2 Mouse
- UARTs (Universal Asynchronous Receiver / Transmitter):
 - Two serial ports (COM1 & COM2) on board

Memo

SL-863PE2-G

1-4.8 Expansion Slots

- 5 PCI Bus Master slots
- 1 AGP slot
- 2 DDR SDRAM DIMM slots

1-4.9 Gigabit Ethernet Controller on board

PCI local bus single-chip Gigabit Ethernet Controller VIA VT6122 on board:

- Supporting 10/100/1000Mb data transfer
- Supporting Wake On LAN function through the on-board RJ45 LAN Connector
- LAN Driver enclosed in Support CD for user's installation.

1-4.10 Hardware Monitor on board

- Hardware Monitor supported by W83627HF, providing monitoring and alarm for flexible desktop management of hardware voltage, temperatures and fan speeds.
- Utility Software Soltek Hardware Monitor for displaying system status is enclosed in Support CD for user's installation.

1-4.11 AC'97 Audio Codec on board

AC'97 Audio Codec 2.2 compliant on board

- Supporting 6-channel display of PCM audio output
- 6 channel audio consists of Front Left, Front Right, Back Left, Back Right, Center and Subwoofer for complete surround sound effect
- AC'97 Audio Codec Driver enclosed in Support CD for user's installation.

1-4.12 Form Factor

- ATX Form Factor, ATX Power Supply, version 2.03 compliant, supported by one Main Power Connector, one +12V Power Connector.
- Mainboard size: 305mm x 210mm



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Chapter 2 Hardware Setup

To Get Things Ready for Hardware Setup I

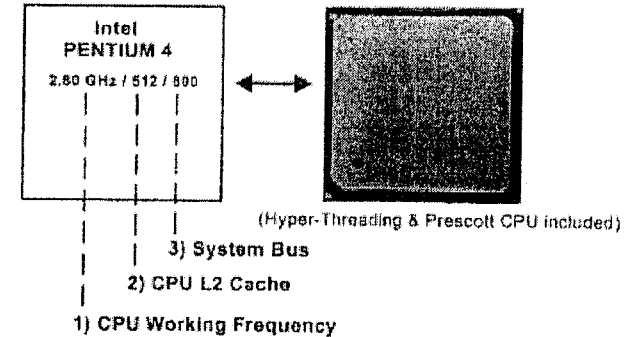
1. We recommend to install your CPU before any other components. For detailed installation instructions of processor, you can also refer to the pamphlet enclosed in your CPU package.
2. Installing a cooling fan with a good heat sink is a must for proper heat dissipation for your CPU. Get ready an appropriate fan with heat sink for proper installation. Improper fan and installation will damage your CPU.
3. In case CPU Vcore, CPU clock or Frequency Ratio is adjustable on board, please follow the instructions described in the User's manual for proper setup. Incorrect setting will cause damage to your CPU.

The following topics are included in this chapter:

- 2-1 CPU Installation with Socket 478B
- 2-2 Pentium 4 CPU Fan Installation
- 2-3 Memory Installation
- 2-4 AGP 8X/4X Slot Installation
- 2-5 IDE Connectors Installation
- 2-6 Serial ATA Connectors Installation
- 2-7 Floppy Drive Connector Installation
- 2-8 ATX V2.03 Power Supply Installation
- 2-9 Jumper Settings
- 2-10 Other Connectors Configuration

2-1 CPU Installation with Socket 478B

2-1.1 To Identify a Pentium 4 CPU



On the heatsink side of a Pentium 4 CPU, there printed a line of figures to identify its specifications. The line consists of 4 parts:

1. CPU Working Frequency: this part depicts the working frequency of the CPU. The Intel P4 processor with three different System Bus mode provides a variety of speeds ranging from 2A GHz to 3.2GHz.
400MHz System Bus: 2.60, 2.50, 2.40, 2.20, 2A GHz
533MHz System Bus: 3.06, 2.80, 2.66, 2.53, 2.40, 2.26 GHz
800MHz System Bus: 3.20, 3, 2.80C, 2.60C, 2.40C GHz
2. CPU L2 Cache: this part depicts the L2 Cache size. For example, 512 stands for 512 KB L2 Cache; 256 stands for 256 KB L2 Cache
3. System Bus: this part depicts the System Bus (Front Side Bus) is provided by CPU clock x 4. For example,
800MHz = 200MHz(CPU clock) x 4; 533MHz = 133MHz x 4
400MHz = 100MHz x 4

Note: System Bus vs CPU Clock

P4 CPU is a quad-pumped CPU. The system bus is provided by the CPU clock x 4. Therefore, users can figure out the P4 CPU clock by the System Bus divided by 4.

Pentium 4 with Hyper Threading Technology :

- (1) P4 processors at 2.40C, 2.60C, 2.80C, 3, 3.20GHz with an advanced 800MHz system bus
- (2) P4 processor at 3.06Ghz with 533MHz system bus

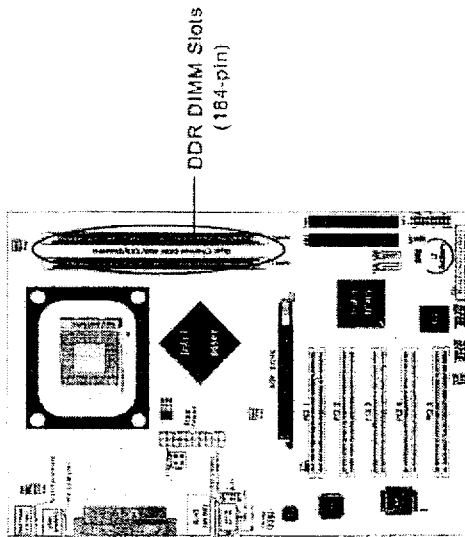
2-3 Memory Installation

How to tackle the memory Modules:

- Make sure to unplug your power supply before adding or removing memory module.
- Pay attention to the orientation of the DIMM slots.

Dual Channel Memory Features

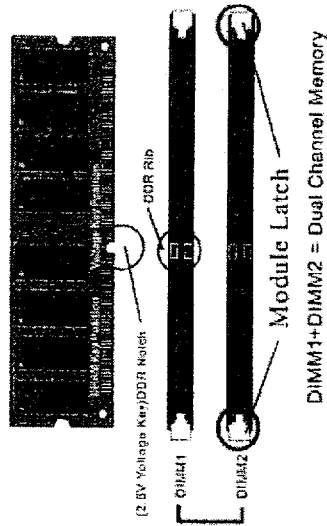
- Dual Channel Memory Configuration is formed by couple of identical DDR SDRAMs.
- Dual Channel memory configuration provides higher performance than Single Channel configurations.
- Matched DIMMs need to have identical density, DRAM technology, DRAM bus width, and equal number of memory banks.
- This series supports up to 2GB unbuffered Dual-channel DDR 400/333/266 SDRAM, with 2 DDR DIMM slots on board. Do not insert other type of modules into these slots.
- The dual memory controller can double the DDR memory bandwidth up to 6.4GB/s with couple of DDR400, 5.4GB/s with couple of DDR333 and 4.2GB/s with couple of DDR266.



2-3.1 To Install DDR SDRAM Module

- To enable Dual-channel memory function, users should insert totally identical (size and frequency) DDR module pair into the bank pair.
- DDR DIMM slot has 184 pins and one notch. Insert a DDR SDRAM vertically into the 184-pin slot with the notch-to-rib matching.

184-Pin DIMM Notch Key Definition



2-3.2 To Remove a DIMM

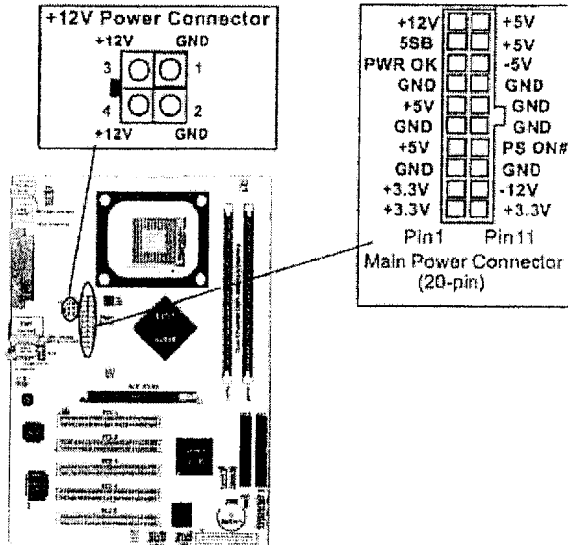
Power off the system first, and then press down the holding latches on both sides of slot to release the module from the DIMM slot.

2-9 Jumper Settings

The following diagrams show the locations and settings of jumper blocks on the mainboard.

JKB1: Keyboard / Mouse Wake Up 1-2 closed (default) Disabled 2-3 closed Enabled				JFSB1&JFSB2: CPU Frequency Select (default) CPU Auto-Detection 100MHz (FSB400) 133MHz (FSB533) 200MHz (FSB800) JFSB1 JFSB1 JFSB1 JFSB1 JFSB2 JFSB2 JFSB2 JFSB2			
LJP1 LAN Controller Select 1-2 closed (default) LAN controller Enabled 2-3 closed LAN controller Disabled				JBAT1 Clear CMOS 1-2 closed (default) To hold data 2-3 closed To clear CMOS			

2-8 ATX V2.03 Power Supply Installation



ATX V2.03 Power Supply is strongly recommended for mainboard running with 2GHz or higher CPU.

To set up Power Supply on this mainboard:

1. Connect the on-board Main Power Connector (20-pin) to the Main Power Connector (20-pin) of an ATX Power Supply which can be of the latest version 2.03 model, and then connect the square-shaped +12V Power Connector on board to the square-shaped +12V Power Connector of the Power Supply.
Warning: Both the Main Power Connector and the +12V Power Connector should be connected to Power Supply; otherwise, the system may either not start or damaged.
2. This ATX Power Supply should be able to provide at least 720mA/ +5V standby power for Wake On Lan function.

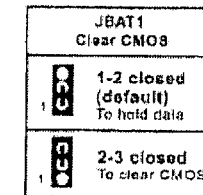
Further Notes on CPU Overclocking:

1. If you have successfully booted system, with or without CPU overclock, you still can try another CPU overclock in BIOS Setup. Please enter BIOS Setup, choose "Frequency/Voltage Control" of Advanced BIOS Features, and configure the "CPU Clock" item to raise your CPU clock.
2. CPU overclocking should take all components on board into account. If you fail in BIOS overclocking, you will not be able to restart system. In such case, Power off system and clear CMOS by JBAT1 and then restart your system. And remember to reconfigure whatever should be reconfigured.
3. If your system is already fixed in a cabinet or case, you may not like to take the trouble to clear CMOS. Then power on your system with the power button on the PC case and simultaneously press down the "Insert" key on the keyboard until you see the initial bootup screen appear. And remember you should also enter CMOS BIOS Setup instantly and choose "Load Optimized Defaults" to restore default BIOS.

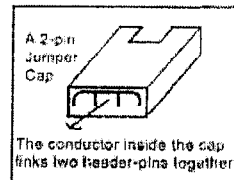
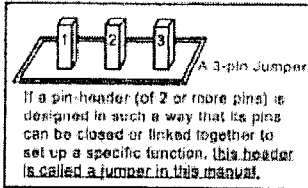
2-9.2 JBAT1: Clear CMOS

When you have problem with rebooting your system, you can clear CMOS data and restore it to default value. To clear CMOS with Jumper JBAT1, please follow the steps below:

1. Power off system.
2. Set JBAT1 to Pin 2-3 closed.
3. After 2 or 3 seconds, restore the JBAT1 setting to Pin1-2 closed.
4. CMOS data are restored to default now. Remember never clear CMOS when system power is on.



How to tackle the Jumpers:



- A Jumper is usually but not necessarily given a "JpX" legend.
- In the Jumper setting diagram, the jumper pins covered with black marks stand for closed pins with jumper cap.



- Do not remove any jumper cap when power is on. Always make sure the power is off before changing any jumper settings. Otherwise, the mainboard will be damaged.

2-9.1 JFSB1 & JFSB2: CPU Frequency Select

JFSB1 and JFSB2 are designed on board for CPU frequency select.

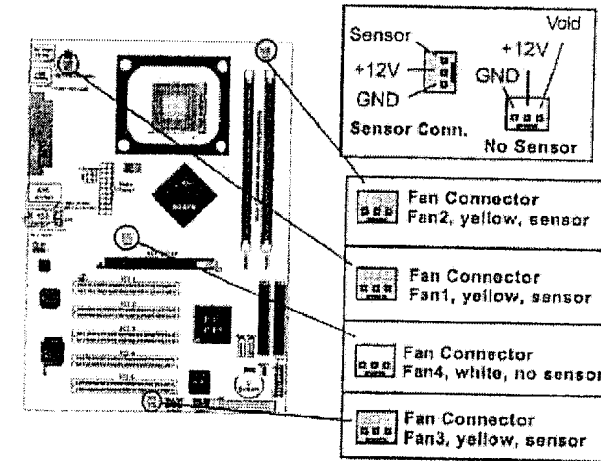
1. Setting JFSB1 1-2 closed and JFSB2 to 1-2 closed will allow CPU on board to Auto Detect its own frequency and apply it to the System Bus.
2. Setting JFSB1 2-3 closed and JFSB2 2-3 closed is for 100 MHz CPU.
3. Setting JFSB1 opened and JFSB2 2-3 closed is for 133 MHz CPU.
4. Setting JFSB1 2-3 closed and JFSB2 opened is to select a CPU clock at 200 MHz for your CPU. If 200MHz is an overclock for your CPU, it may or may not boot your system. If an overclock fails to boot system, you should restore the default setting and then clear CMOS to reboot your system. (See Clear CMOS in next paragraph.)

JFSB1&JFSB2: CPU Frequency Select			
(default)	100MHz (FS5400)	133MHz (FS533)	200MHz (FS800)
CPU Auto-Detection	JFSB1 1-2 closed	JFSB1 1-2 closed	JFSB1 1-2 closed
JFSB1	JFSB1 1-2 closed	JFSB1 1-2 closed	JFSB1 1-2 closed
JFSB2	JFSB2 1-2 closed	JFSB2 1-2 closed	JFSB2 1-2 closed

2-10 Other Connectors Configuration

This section lists out all connectors configurations for users' reference.

2-10.1 On Board Fan Connectors

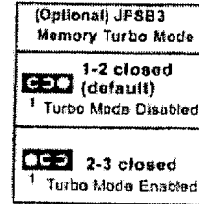


Both Sensor and No-sensor Fan Connectors support CPU/AGP/System/Case cooling fan with +12V mode. A Hardware Monitor chipset is on board, with which users can install a Hardware Monitor Utility and read the fan speed transmitted from the sensor fan. Otherwise, users can read the fan speed from the "Hardware Monitor Status" via BIOS.

A running Fan will send out 2 electric pulses per rotation of its fan blade. A Sensor Fan Connector will count the electric pulses and send the information to the System Hardware Monitor which in turn will work out the fan rotation speed and display it on screen.

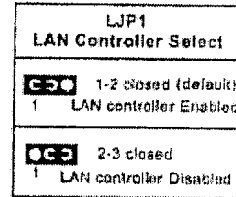
2-9.3 (Optional) JFSB3: Memory Turbo Mode

JFSB3 is designed on board for improving Memory performance. If you want to obtain better system performance, you can set JFSB3 2-3 closed to enable the Memory Turbo Mode. Otherwise, you can set JFSB3 1-2 closed to disable the Memory Turbo Mode.



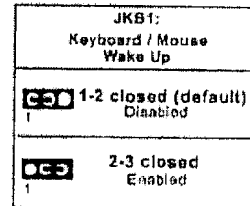
2-9.4 LJP1: LAN Controller Select

LJP1 is a 3-pin jumper for enabling or disabling the on-board LAN Controller. Users can set LJP1 1-2 closed to enable the on-board LAN Controller so as to set up the LAN driver, or to set LJP1 2-3 closed to disable the on-board LAN Controller. Whether LJP1 is enabled or not, users are free to use an add-on PCI LAN card for networking.



2-9.5 JKB1: Keyboard / Mouse Wake Up

JKB1 is designed on board as a jumper to enable/disable the PS/2 keyboard/mouse Wake Up from suspend mode. USB keyboard/mouse Wake Up function is not supported on this mainboard.



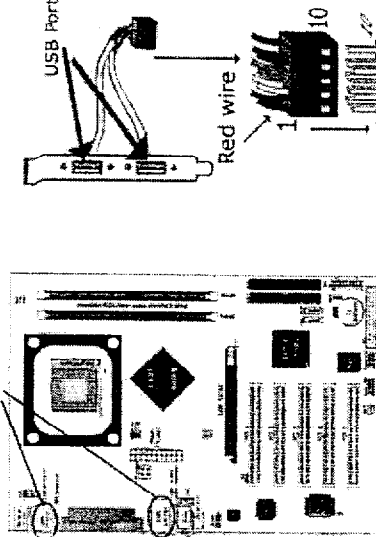
2-10.2 USB Ports and USB Pin-headers

This series provides four USB ports on board supporting various USB devices. In addition, two USB pin-headers are added on board to provide expansion of four more optional USB ports by using two additional USB cables. Users can order the optional USB cables from your main-board dealer or vendor.

When plugging the USB cable to USB Header, users must make sure the red wire is connected to Pin 1.

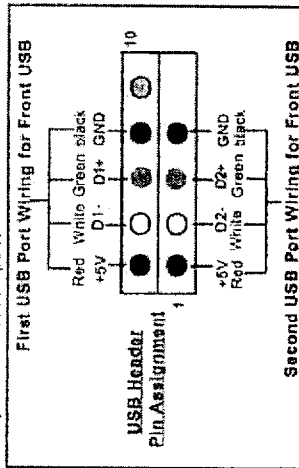
All 8 USB ports are compliant with 1.1 / 2.0 USB Bus. USB 2.0 supports Windows 2000 and up (no support for Windows 9X/ME). Please see Chapter 3 for USB2.0 Installation.

USB connectors

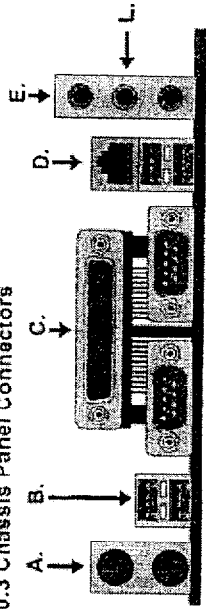


Header USB2 for USB4/5 ports

Header USB3 for USB6/7 ports



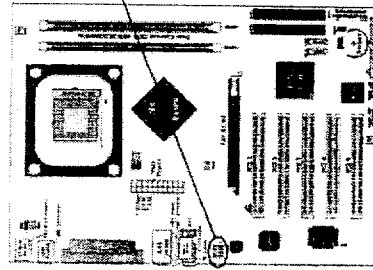
2-10.3 Chassis Panel Connectors



- A : PS/2 Mouse
- B : USB 1 (underside)
- C : LPT1 Port
- D : RJ45
- E : Line In/ Rear Speaker Out
- F : PS/2 Keyboard
- G : USB 0 (middle)
- H : COM1 Connector
- I : COM2 Connector
- J : USB 2 (middle)
- K : Microphone Input / Center Subwoofer Out
- L : Line Out / Front Speaker Out

2-10.4 CD-ROM Audio Connectors

CD-IN1 is an audio connector connecting CD-ROM audio to motherboard.



CD-ROM Audio Pin Assignment

CD-IN1	Pin 1	Pin 2	Pin 3	Pin 4
	Left Channel	GND	GND	Right Channel

SCANNING

• Impédance d'entrée	56 Hz - 76 Hz
• Impédance d'entrée	30 kHz - 61 kHz

VIDÉO

• Fréquence des points vidéo	80 MHz
• Impédance d'entrée	
- Vidéo	75 Ohms
- Synchronisation	2K Ohms
• Niveaux de signaux d'entrée	700m Vpp
• Synchronisation du signal d'entrée	Synchronisation séparée Synchronisation composite Synchronisation sur la vert
• Polarités de synchronisation	Positive and négative
• Fréquence d'entrée	XGA Hsync 43- 61 kHz, Vsync 60 - 76 Hz (N.I.) SVGA Hsync 35- 60 kHz, Vsync 56 - 75 Hz (N.I.) VGA Hsync 31- 38 kHz, Vsync 60 - 76 Hz (N.I.)

Interface vidéo

Analogique (D-sub)

CARACTERISTIQUES OPTIQUES

• Proportion de contraste	400:1 (typ.)
• Luminosité	250 cd/m ² (typ.)
• Angle de contraste maximum	6 heures
• Chromaticité blanche	x: 0.283 y: 0.297 (at 9300° K) x: 0.313 y: 0.329 (at 6500° K) x: 0.313 y: 0.328 (at sRGB)

507-100000-0000

507-100000-0000

Informations sur le Produit

- SmartManage
- Caractéristiques du Produit
- Spécifications Techniques
- Modes de résolution & Préférences
- Règle d'action
- Concernant les Défauts de Pixels
- Economie d'énergie Automatique
- Spécifications Physiques
- Attribution des Broches
- Visualisation du Produit
- Fonctions Physiques

Caractéristiques du produit

150S5

- **Solution optimale en ce qui concerne le coût total de possession**
 - Plus faible puissance absorbée - Moindres coûts : économies d'énergie pouvant atteindre 20 % comparées aux autres produits
 - Verrouillage antivol Kensington - Sécurité accrue grâce au verrouillage en place du moniteur
- **Excellentes performances d'écran**
 - Temps de réponse rapide - Travail plus vite fait grâce au temps de réponse rapide
 - Résolution XGA, 1024 x 768 - Affichage précis des couleurs avec haute résolution 1024x768 XGA
 - Prêt pour sRGB - Reproduction fidèle de la présentation imprimée vidéo
- **Grande commodité**
 - Alimentation intégrée - Alimentation intégrée au moniteur
 - Crinico de montage VESA - Gabarit de montage VESA pour fixation murale aisée du moniteur
 - FlexiHolder - Support flexible pour cartes, photos ou notes afin d'accroître l'efficacité

RETOURNER AU HAUT DE LA PAGE

Spécifications techniques*

PANNEAU LCD

• Type	TFT LCD
• Dimensions de l'écran	15" (38,1 cm)
• Espacement des pixels	0,297 x 0,297 mm
• Type de panneau LCD	1024 x 768 pixels Bande verticale R.G.B. Duratié du polarisateur anti-reflets
• Zone d'affichage réelle	304,1 x 228,1 mm
• Affichage des couleurs	16,7M couleurs

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Groupe ment inter académique II

Session

2005

Examen et spécialité : Agent de Maintenance de Matériel de Bureau.

DOCUMENT RESSOURCE

E1

• Angle de vue (C/R >10)
 Supérieur ≥45° (typ.)
 Inférieur ≥55° (typ.)
 Gauche ≥85° (typ.)
 Droit ≥65° (typ.)

• Temps de réponse
 ≤ 16ms (typ.)

sRGB

sRGB est une norme visant à garantir un échange correct de couleurs entre différents appareils (p. ex. appareils photos numériques, moniteurs, imprimantes, scanners, etc.).

Utilisant un espace des couleurs standard unifié, sRGB contribue à reproduire correctement sur votre moniteur Philips autorisé sRGB les images prises par un appareil compatible sRGB. De cette façon, les couleurs sont calibrées et vous pouvez vous fier à l'exactitude des couleurs présentées sur votre écran.

Si vous utilisez sRGB il importe que la luminosité et le contraste de votre moniteur soient fixés sur un réglage prédéfini tout comme la gamme de couleur.

Il est par conséquent important de sélectionner le réglage sRGB dans l'affichage OSD du moniteur.

Pour ce faire, ouvrez l'OSD en appuyant sur le bouton OK en façade de votre moniteur. Servez-vous de la touche flèche vers le bas pour atteindre l'option Réglage de la couleur et réappuyez sur OK. Déplacez-vous ensuite sur sRGB avec la touche flèche vers le bas et réappuyez sur OK.

Quittez l'OSD.

Ensuite, veillez à ne pas modifier le réglage de luminosité ou de contraste de votre moniteur. Si vous modifiez l'un ou l'autre, le moniteur sortira du mode sRGB et passera à un réglage de température de couleur de 6500 K.

Pour de plus amples renseignements sur sRGB veuillez consulter le site : www.srgb.com.

* Ces informations peuvent changer sans autre notification.

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Modes de résolution & prérequis

• Maximum 1024 x 768 à 75Hz

Recommandé 1024 x 768 à 60Hz

14 modes définissables par l'utilisateur

14 modes prérequis en usine:

H. (cm)	Résolution	V. (Hz)
31.409	640*360	70.005
31.469	720*400	70.087
31.492	640*480	59.940
36.000	640*480	67.000
37.601	640*480	72.809
37.600	640*480	75.000
35.156	800*600	56.250
37.679	800*600	60.317
48.077	800*600	72.188
46.875	800*600	75.000
49.700	832*624	75.000
48.363	1024*768	60.004
56.476	1024*768	70.069
60.023	1024*768	75.029

RETOUR AU HAUT DE LA PAGE

Economie d'énergie automatique

Si une carte ou le logiciel de compatibilité d'affichage DPMS de VESA est installé(e) sur votre PC, le moniteur peut automatiquement réduire sa consommation d'énergie quand il n'est pas utilisé. Et si une saisie au clavier, utilisation de la souris ou d'un autre appareil est détectée, le moniteur se "réveillera" automatiquement. Les tableaux suivants montrent la consommation d'énergie et la signalisation de cette fonction d'économie d'énergie automatique :

Propulsez la Cadre Définition

Lecteur DVD : Sony DDU220E-RP

Caractéristiques

Généralités

- Encombrement demi-hauteur 5,25 pouces
- Compatibilité avec l'interface ATAPI (SFF-8020)
- Chargement et éjection automatiques du disque (manuels également)
- Boîtier hermétique

Formats de disques supportés

- DVD-Video et DVD-ROM, (couches 1 ou 2), et DVD-R
- CD-ROM XA, CD-ROM mode-2 formes 1 & 2
- CD-BRIDGE, comme les PHOTO-CD et VIDEO-CD
- CD-ROM données mode 1, Standard CD-DA (son numérique)
- CD-EXTRA (CD-PLUS), CD-I & CD-I Ready
- CD-TEXT, CD-Recordable et CD-ReWritable

Performances

- Fonctionnement en VAC ultra-rapide
- Connexion d'erreur en temps réel
- Temps d'accès rapide assurant un accès rapide aux données

Son

- Génère des données audio numériques 16 bits sur interface ATAPI
- Lecture des CD audio grâce à la sortie audio et à la prise casque

Remarque:

Lisez ce manuel attentivement avant de commencer l'installation et conservez-le.

Configuration requise

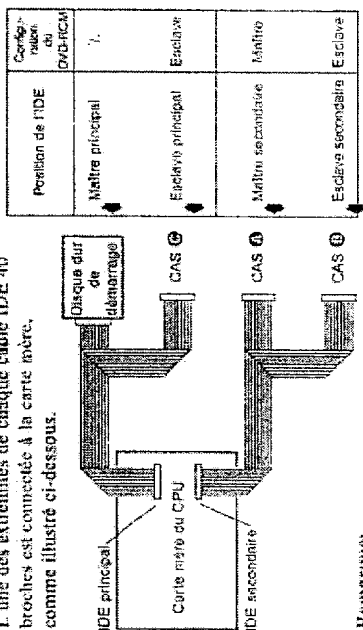
- Le lecteur de DVD-Video requiert la carte de décompression MPEG-2 matérielle ou logicielle.
- PC compatible IBM, Pentium 133 MHz ou supérieur
- Windows 95 (OSR2), Windows NT 4.0 ou version ultérieure
- 32 Mo de RAM au minimum
- 1 emplacement pour lecteur 5,25 pouces interne
- Lecteur de disquettes 3,5 pouces
- Souris (compatible Microsoft)
- Câble interface IDE (nappe 40 points 2 connecteurs)

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Schéma des dimensions	derrière page du mode d'emploi

Etape n° 2: Configuration IDE

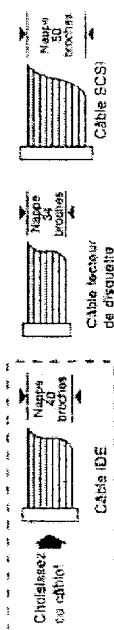
Identifiez les 2 câbles IDE à l'intérieur de l'ordinateur.

L'une des extrémités de chaque câble IDE 40 broches est connectée à la carte mère, comme illustré ci-dessous.



Remarque:

Sélectionnez correctement le câble 40 broches qui convient parmi ceux installés.



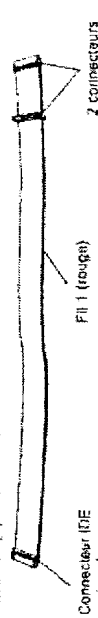
Remarque:

Si vous ne trouvez qu'un seul câble IDE, il est appelé "Primary IDE".

L'emplacement des connecteurs IDE sur la carte mère peut être différent du schéma ci-dessus.

Etape n° 3: Localisation du connecteur

Chaque câble IDE doit être muni de 2 connecteurs à l'autre extrémité de la carte mère, comme illustré ci-dessous. Suivez le câble pour trouver l'extrémité(s) non utilisées.



Remarque: Si aucun connecteur n'est libre sur le câble IDE, reportez-vous à la base 3, page 16.

Etape n° 4: Choix de la configuration

Un ou plusieurs connecteurs IDE sont-ils libres?

Si aucun autre lecteur n'est connecté, utilisez de préférence "CAS A, Maître secondaire"

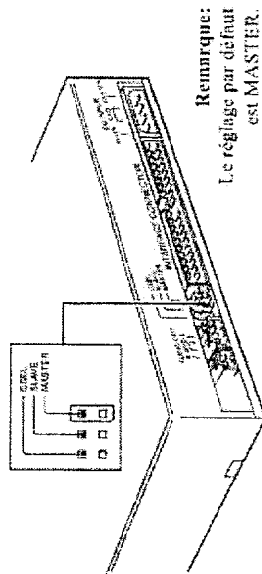
Si CAS A est utilisé, essayez "CAS B, Esclave secondaire"

Si CAS A et CAS B sont occupés, utilisez "CAS C, Esclave principal"

Suivez les instructions suivantes pour installer le lecteur selon les cas CAS A, CAS B ou CAS C.

Etape n° 5: Réglage des cavaliers

Vous trouverez à l'arrière du lecteur de DVD-ROM 3 paires de cavaliers.



CAS A, Configuration Maître secondaire

Laissez le cavalier sur défaut.

CAS B, Configuration Esclave secondaire

Positionnez le cavalier sur SLAVE.

CAS C, Configuration Esclave principal

Positionnez le cavalier sur SLAVE.

