

CL50-LX

Rev. A+

**System Board
Carte Mère Manuel
System-Platine**

**User's Manual
Pour Utilisateur
Benutzerhandbuch**

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Caution:

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.

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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Note:

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. To view the user's manual, insert the CD into a CD-ROM drive. The autorun screen (Main Board Utility CD) will appear. Click "User's Manual".

Chapter 1 - Introduction / Introduction / Einleitung

1.1 Features and Specifications

Caractéristiques et Spécifications

Leistungsmerkmale und Technische Daten

1.1.1 Features / Caractéristiques / Leistungsmerkmale

Chipset

- Intel® 440LX AGPset

Processor

The system board is equipped with Intel® Socket 370 for installing an Intel Celeron™ processor that is packaged in PPGA (Plastic Pin Grid Array). It is also equipped with a switching voltage regulator that automatically detects 1.30V to 2.0V.

- 300A/333/366/400/433/466MHz Celeron™ PPGA processor

System Memory

The system board supports 16MB to 384MB memory. It is equipped with three 168-pin DIMM sockets using unbuffered SDRAM DIMM (10/12/13ns), 3.3V. It also supports ECC (uses x72 DRAM).

DIMMs	Memory Size	DIMMs	Memory Size
2MBx64/x72	16MB	8MBx64/x72	64MB
4MBx64/x72	32MB	16MBx64/x72	128MB

Expansion Slots

The system board is equipped with 1 dedicated AGP slot, 3 dedicated PCI slots, 1 dedicated 16-bit ISA slot and 1 shared PCI/ISA slot. All PCI and ISA slots are bus masters.

Desktop Management Interface (DMI)

The system board comes with a DMI 2.0 built into the BIOS. The DMI utility in the BIOS automatically records various information about your system configuration and stores these information in the DMI pool, which is a part of the system board's Plug and Play BIOS. DMI, along with the appropriately networked software, is designed to make inventory, maintenance and troubleshooting of computer systems easier.

Connectors

- 2 connectors for external USB ports
- 1 connector for IrDA interface
- 2 serial ports
- 1 parallel port

- 2 IDE connectors
- 1 floppy connector
- 1 PS/2 mouse port
- 1 PS/2 or AT keyboard port
- 1 12-pin standard AT power supply connector
- 3 fan connectors for CPU, chassis and AGP fans

PCI Bus Master IDE Controller

- Two PCI IDE interfaces support up to four IDE devices
- Ultra DMA/33 supported (Synchronous Ultra DMA mode - data transfer rate up to a maximum of 33MB/sec.)
- PIO Mode 3 and Mode 4 Enhanced IDE (data transfer rate up to 16.6MB/sec.)
- Bus mastering reduces CPU utilization during disk transfer
- Supports ATAPI CD-ROM, LS-120, ZIP and SCSI sequential boot-up

IrDA Interface

The system board is equipped with an IrDA connector for wireless connectivity between your computer and peripheral devices. It supports peripheral devices that meet the IrDA or ASK IR standard.

USB Ports

The system board is equipped with a connector for external USB ports. USB allows data exchange between your computer and a wide range of simultaneously accessible external Plug and Play peripherals.

BIOS

- Award BIOS, Windows® 95/98 Plug and Play compatible
- Flash EPROM for easy BIOS upgrades
- Selectable CPU bus frequency (FSB)
 - 60/66/68/75/83MHz
- Auto detect CPU's voltage ID
- Quickly boot up Windows or other operating systems
- Y2K compliant

1.1.2 Energy Efficient Design

- System power management supported
- CPU stopped clock control
- Hardware supports SMI green mode
- Microsoft®/Intel® APM 1.2 compliant
- CPU and chassis fans will automatically turn off once the system enters the Suspend mode

1.2 Package Checklist

Liste de Vérification de l'Emballage

Verpackungsliste

The system board package contains the following items:

- The system board
- A user's manual
- Serial, mouse and printer port cables
 - Option 1:
 - One card-edge bracket with a 9-pin and 25-pin serial port cables
 - One card-edge bracket with a 25-pin printer port cable and a PS/2 mouse port cable
 - Option 2:
 - One card-edge bracket with two 9-pin serial port cables and a PS/2 mouse port cable
 - One 25-pin printer port cable for chassis mounting
- One 40-pin IDE hard disk cable
- One 34-pin floppy disk drive cable
- One CD
- One card-edge bracket with two USB ports (optional)

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

Chapter 2 - Hardware Installation

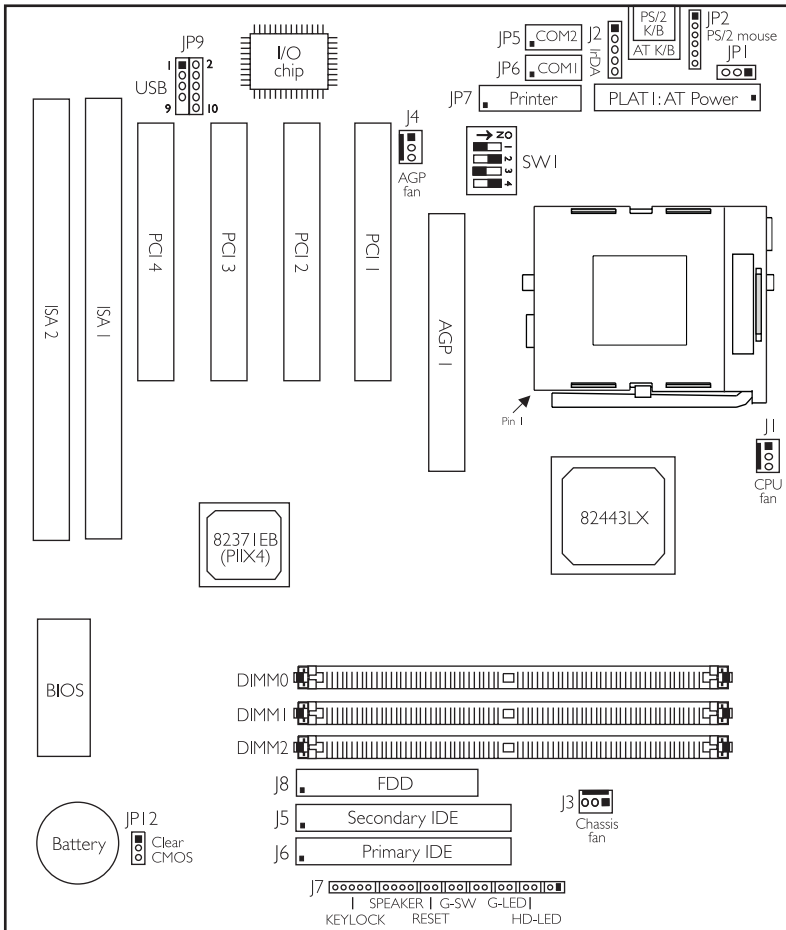
Installation du Matériel

Installation der Hardware

2.1 System Board Layout

Position de la Carte Système

Aufbau der Hauptplatine



■ Square denotes pin 1



Note:

Jumper JP1 is for factory use only. Please leave this jumper in its default setting - pins 1 and 2 On.

2.2 DIP Switch Settings of the Processors Positionnement des Cavaliers des Processeurs DIP Schaltereinstellungen für den Prozessor



Note:
SWI is for factory use only.

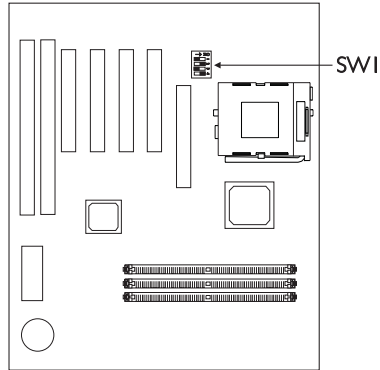


Black rectangle denotes the part that is protruding, the "adjustable" switch



In the example above:

- Switch 1: Off
- Switch 2: On
- Switch 3: Off
- Switch 4: On



CPU Frequency	Ext. System Bus Clock	Frequency Ratio	SWI
300MHz	66MHz	4.5x	
333MHz	66MHz	5x	
366MHz	66MHz	5.5x	
400MHz	66MHz	6x	
433MHz	66MHz	6.5x	
466MHz	66MHz	7x	



- Note:**
- Intel Celeron™ PPGA processors support VID (Voltage Identification). The switching voltage regulator on the system board will automatically set the voltage regulator according to the voltage of the processor.
 - You cannot overclock an Intel Celeron™ PPGA processor because its frequency ratio has been fixed by the manufacturer. The table above is for factory use only.

2.3 Jumper Settings for Clearing CMOS Data

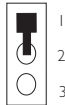
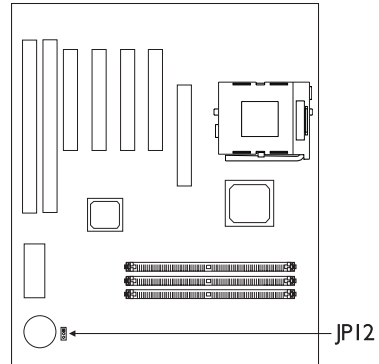
Positionnement des Cavaliers pour Effacer les Données CMOS

Jumpereinstellungen zum Löschen der CMOS Daten

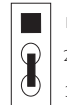
Jumper JP12 - Clear CMOS Data

To load the default values stored in the ROM BIOS, please follow the steps below.

1. Power-off the system.
2. Set JP12 pins 2 and 3 to On. Wait for a few seconds and set JP12 back to its default setting, pins 1 and 2 On.
3. Power-on the system.



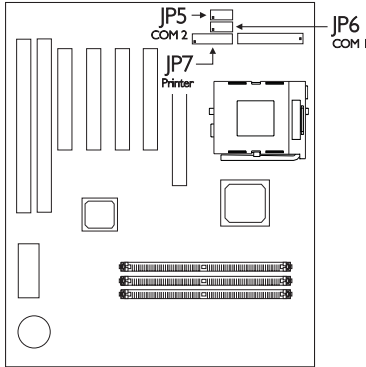
1-2 On: Normal
(default)



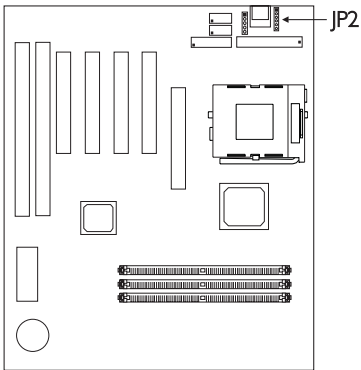
2-3 On:
Clear CMOS Data

2.4 Connectors / Connecteurs / Anschlüsse

2.4.1 Serial Ports / Parallel Port Ports Série / Port Parallèle Serielle Anschlüsse / Paralleler Anschluß

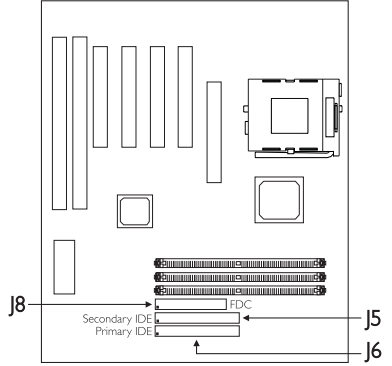


2.4.2 PS/2 Mouse Port Ports Souris PS/2 PS/2-Maus-Anschluß



Pin	Function
1	Mouse Data
2	Reserved
3	Ground
4	+5V
5	Mouse Clock
6	Reserved

2.4.3 Floppy Disk Drive Controller and IDE Interface Contrôleur de Lecteur de Disquette et Interface IDE Diskettenlaufwerkcontroller und IDE Interface

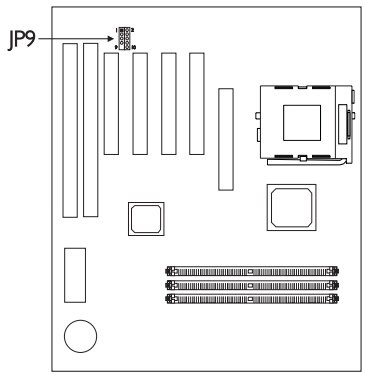


Important:

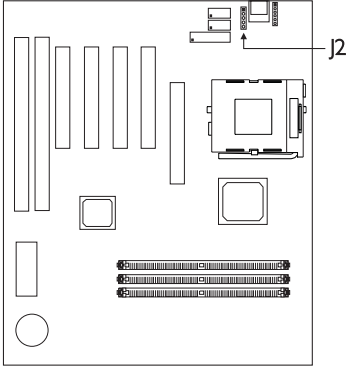
If you encountered problems while using an ATAPI CD-ROM drive that is set in Master mode, please set the CD-ROM drive to Slave mode. Some ATAPI CD-ROMs may not be recognized and cannot be used if incorrectly set in Master mode.

2.4.4 Universal Serial Bus Ports Ports de Bus Série Universels Universelle Serielle Bus-Anschlüsse

Pin	Function	Pin	Function
1	+5V	2	+5V
3	-Data	4	-Data
5	+Data	6	+Data
7	Ground	8	Ground
9	Key	10	Ground



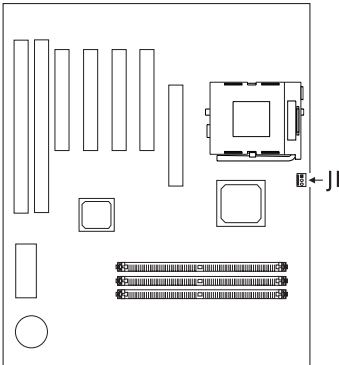
2.4.5 IrDA Connector Connecteur IrDA IrDA Anschlüsse



1
2
3
4
5

Pin	Function
1	IRTX
2	Ground
3	IRRX
4	N. C.
5	VCC

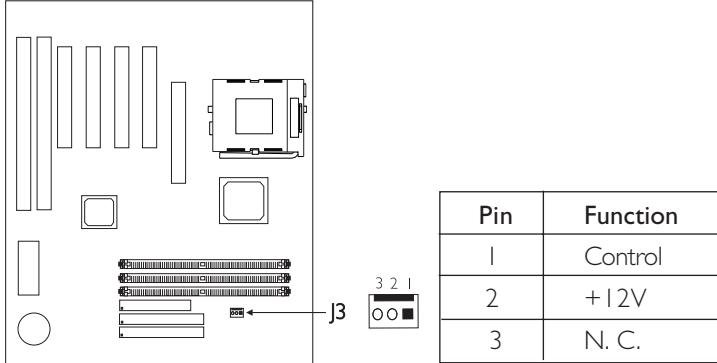
2.4.6 CPU Fan Connector Connecteur du Ventilateur de CPU CPU Kühlung Anschluß



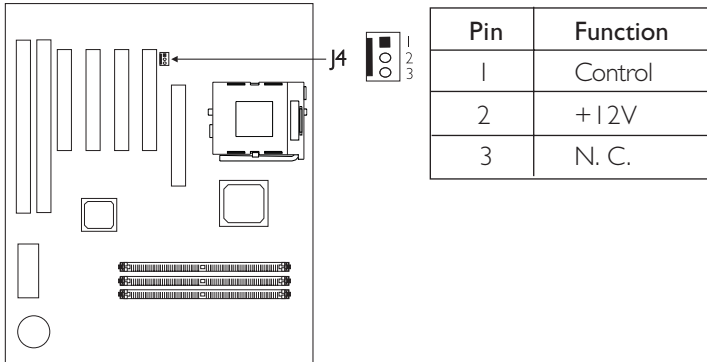
1
2
3

Pin	Function
1	Control
2	+12V
3	N. C.

2.4.7 Chassis Fan Connector Connecteur de Châssis de Ventilateur Anschluß Kühlungsgehäuse



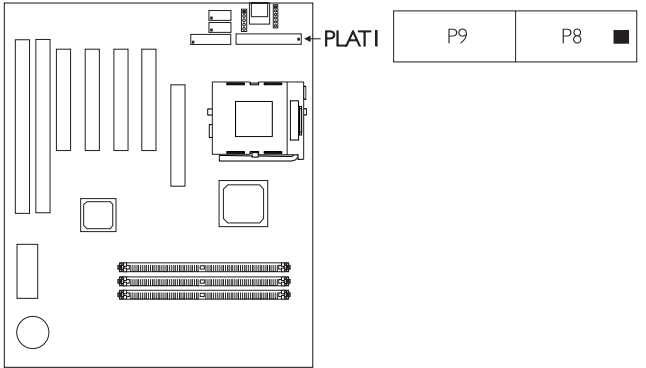
2.4.8 AGP Fan Connector Connecteur de Ventilateur AGP Anschluß AGP Kühlung



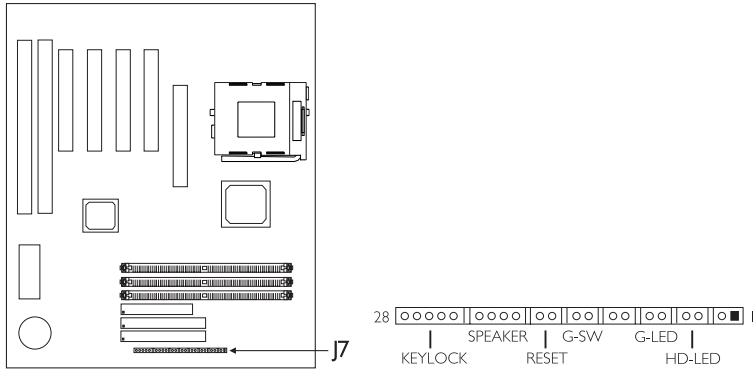
2

Hardware Installation

2.4.9 Power Connector Connecteur d'Alimentation Netzanschluß



2.4.10 LEDs and Switches Commutateurs et LED LEDs und Schalter



	Pin	Pin Assignment
For factory use only	1	N. C.
	2	N. C.
	3	N. C.
HD-LED (Primary/Secondary IDE LED)	4	LED Power
	5	Signal
	6	N. C.
G-LED (Green LED)	7	LED Power
	8	Signal
	9	N. C.
For factory use only	10	N. C.
	11	N. C.
	12	N. C.
G-SW (Green switch)	13	Signal
	14	Ground
	15	N. C.
RESET (Reset switch)	16	Signal
	17	Ground
	18	N. C.
SPEAKER (Speaker connector)	19	Signal
	20	N. C.
	21	Ground
	22	+5V
	23	N. C.
KEYLOCK (Keylock and Power LED connector)	24	LED Power
	25	N.C.
	26	Ground
	27	Keylock Signal
	28	Ground
		Use pins 24 to 26 for the Power LED.

Chapter 3 - Award BIOS Setup Utility

Utilitaire de Configuration du Award BIOS

AWARD BIOS Konfigurationsprogramm

3.1 Entering the Award BIOS Setup Utility

Entrer Dans l'Utilitaire de Configuration du Award BIOS

Aufruf des AWARD BIOS Konfigurationsprogramms

Power-on the system and press to enter the utility. The main program screen will appear:

Allumez le Système et appuyez sur pour entrer dans l'utilitaire. L'écran du programme principal apparaîtra.

Zum Aufrufen des Konfigurationsprogramms drücken Sie während des Startvorgangs die Taste . Ein Bildschirm ähnlich dem folgenden erscheint.

ROM PCI/ISA BIOS
CMOS SETUP UTILITY
AWARD SOFTWARE, INC.

STANDARD CMOS SETUP BIOS FEATURES SETUP CHIPSET FEATURES SETUP POWER MANAGEMENT SETUP PNP/PCI CONFIGURATION LOAD FAIL-SAFE SETTINGS LOAD OPTIMAL SETTINGS	INTEGRATED PERIPHERALS SUPERVISOR PASSWORD USER PASSWORD IDE HDD AUTO DETECTION SAVE & EXIT SETUP EXIT WITHOUT SAVING
Esc : Quit F10 : Save & Exit Setup	↑↓→← : Select Item (Shift) F2 : Change Color

3.2 Setting the Date and Time

Paramétrage de la Date et de l'Heure Einstellen des Datums und der Zeit

ROM PCI/ISA BIOS
STANDARD CMOS SETUP
AWARD SOFTWARE, INC.

Date (mm:dd:yy) : Wed, Jul 1 1998									
Time (hh:mm:ss) : 13: 27: 50									
<u>HARD DISKS</u>	TYPE	SIZE	CYLS	HEAD	PRECOMP	LANDZ	SECTOR	MODE	
Primary Master	: Auto	0	0	0	0	0	0	0	Auto
Primary Slave	: Auto	0	0	0	0	0	0	0	Auto
Secondary Master	: Auto	0	0	0	0	0	0	0	Auto
Secondary Slave	: Auto	0	0	0	0	0	0	0	Auto
Drive A : 1.44M, 3.5 in.									
Drive B : None									
Video : EGA/VGA									
Halt on : All Errors									
					Base Memory : 640K				
					Extended Memory : 64512K				
					Other Memory : 384K				
					Total Memory : 65536K				
Esc	: Quit				↑↓→←	: Select Item	PU/PD/+/- : Modify		
F10	: Save & Exit Setup				(Shift)F2	: Change			

1. Select "Standard CMOS Setup" in the main program screen and press <Enter>.

Sélectionnez "Standard CMOS Setup" dans l'écran du programme principal et appuyez sur <Entrée>.

"Standard CMOS Setup" in dem Hauptbildschirm auswählen, und die Eingabetaste (Enter) drücken.

2. Set the correct date and time in the "Date" and "Time" fields respectively.

Sélectionnez la date et l'heure correcte dans les champs "Date" et "Time" respectivement.

Jeweils korrekte Werte in die Eingabefelder "Date" (Datum) und "Time" (Zeit) eingeben.

3.3 Selecting the Hard Drive and Floppy Drive Type

Sélectionnez le Type de Disque Dur et de Lecteur de Disquette

Auswahl der Festplatte und des Diskettenlaufwerks

ROM PCI/ISA BIOS
STANDARD CMOS SETUP
AWARD SOFTWARE, INC.

Date (mm:dd:yy) : Wed, Jul 1 1998								
Time (hh:mm:ss) : 13:27:50								
HARD DISKS	TYPE	SIZE	CYLS	HEAD	PRECOMP	LANDZ	SECTOR	MODE
Primary Master	:Auto	0	0	0	0	0	0	0 Auto
Primary Slave	:Auto	0	0	0	0	0	0	0 Auto
Secondary Master	:Auto	0	0	0	0	0	0	0 Auto
Secondary Slave	:Auto	0	0	0	0	0	0	0 Auto
Drive A : 1.44M, 3.5 in.								
Drive B : None								
Video : EGA/VGA						Base Memory : 640K		
Halt on : All Errors						Extended Memory : 64512K		
						Other Memory : 384K		
						Total Memory : 65536K		
Esc : Quit			↑↓→← : Select Item			PU/PD/+/- : Modify		
F10 : Save & Exit Setup			(Shift)F2 : Change					

1. Select "Standard CMOS Setup" in the main program screen and press <Enter>.

Sélectionnez "Standard CMOS Setup" dans l'écran du programme principal et appuyez sur <Entrée>.

"Standard CMOS Setup" in dem Hauptbildschirm auswählen, und die Eingabetaste (Enter) drücken.

2. Select "Auto" for the hard disk drive(s) installed in your system. The BIOS will auto-detect the HDD & CD-ROM drive at the POST stage and show the IDE for the HDD & CD-ROM drive. If a hard disk has not been installed, select "None" and press <Enter>.

Sélectionnez "Auto" pour le(s) disque(s) dur(s) installés dans votre système. Le BIOS détectera automatiquement le Disque Dur et le Lecteur CD-ROM durant la phase POST et affichera l'IDE du Disque Dur et du Lecteur CD-ROM. Si aucun disque dur n'a été installé, sélectionnez "None" et appuyez sur <entrée>.

Im Eintrag "Hard Disk Drive(s)" (Festplatte) "Auto" auswählen. Das Programm entdeckt die Festplatte sowie das CD-ROM Laufwerk während der Initialisierung automatisch. Ist keine Festplatte installiert, aktivieren Sie den Eintrag "None". Eingabetaste (Enter) drücken.

- Set the type of floppy drive installed in the "Drive A" and "Drive B" fields. The options are None, 360K, 1.2M, 720K, 1.44M and 2.88M.

Paramétrez le type de lecteur de disquette installé dans les champs "Drive A" et "Drive B". Les options sont None, 360K, 1.2M, 720K, 1.44M et 2.88M.

Im Eintrag "Floppy Drive" (Diskettenlaufwerk) wählen Sie "Drive A" (Laufwerk A) und "Drive B" (Laufwerk B). Die Optionen sind None (Kein), 360K, 1.2M, 720K, 1.44M und 2.88M.

3.4 Selecting the Drive to be Searched First for an Operating System

Sélectionner le Lecteur qui doit être Détecté en premier par un Système d'Exploitation

Auswahl des Bootlaufwerks

ROM PCI/ISA BIOS
BIOS FEATURES SETUP
AWARD SOFTWARE, INC.

Virus Warning	: Disabled		
CPU L1 Cache	: Enabled		
CPU L2 Cache	: Enabled		
Quick Power On Self Test	: Enabled		
Boot Sequence	: A, C, SCSI		
Swap Floppy Drive	: Disabled		
Boot Up Floppy Seek	: Disabled		
Boot Up NumLock Status	: On		
Typematic Rate Setting	: Disabled		
Typematic Rate (Chars/Sec)	: 6		
Typematic Delay (Msec)	: 250		
Security Option	: Setup		
PCI/VGA Palette Snoop	: Disabled		
OS Select For DRAM > 64MB	: Non-OS2		
HDD S.M.A.R.T. Capability	: Disabled		
		ESC : Quit	↑↓←→ : Select Item
		F1 : Help	PU/PD/+/- : Modify
		F5 : Old Values (Shift) F2	: Color
		F6 : Load Fail-Safe Settings	
		F7 : Load Optimal Settings	

- Select "BIOS Features Setup" in the main program screen and press <Enter>.

Sélectionnez "BIOS Features Setup" dans l'écran de programme principal et appuyez sur <Entrée>.

"BIOS Features Setup" in dem Hauptbildschirm auswählen, und die Eingabetaste (Enter) drücken.

- Select the drive to be searched first in the "Boot Sequence" field. The default is A, C, SCSI. The other options are: C, A, SCSI; C, CDROM, A; CDROM, C, A; D, A, SCSI; E, A, SCSI; F, A, SCSI; SCSI, A, C; SCSI, C, A; C only and LS/ZIP, C.

Sélectionnez le lecteur qui devra être détecté en premier dans le champs "Boot Sequence". La valeur par défaut est A, C, SCSI. Les autres options sont: C, A, SCSI; C, CDROM, A; CDROM, C, A; D, A, SCSI; E, A, SCSI; F, A, SCSI; SCSI, A, C; SCSI, C, A; C seulement et LS/ZIP, C.

Im "Boot Sequence" Feld wählen Sie die Sequenz, in welcher der Computer nach einem Betriebssystem sucht. Die Optionen sind C, A, SCSI; C, CDROM, A; CDROM, C, A; D, A, SCSI; E, A, SCSI; F, A, SCSI; SCSI, A, C; SCSI, C, A; nur C und LS/ZIP, C.

3.5 Selecting the External System Bus Clock of the Processor Paramétrage de l'Horloge Externe de Bus Système du Processeur

Auswahl des externen Systemtaktgebers Ihres Prozessors

ROM PCI/ISA BIOS CHIPSET FEATURES SETUP AWARD SOFTWARE, INC.	
SDRAM RAS-to-CAS Delay	: Slow
SDRAM RAS Precharge Time	: Slow
SDRAM CAS Latency Time	: 3
DRAM Data Integrity Mode	: Non-ECC
System BIOS Cacheable	: Disabled
Video BIOS Cacheable	: Enabled
Video RAM Cacheable	: Disabled
8 Bit I/O Recovery Time	: 1
16 Bit I/O Recovery Time	: 1
Memory Hole At 15M-16M	: Disabled
PCI 2.1 Compliance	: Disabled
AGP Aperture Size (MB)	: 64
CPU Bus Clock	: 66MHz
ESC : Quit ↑ ↓ → ← : Select Item F1 : Help PU/PD/+/- : Modify F5 : Old Values (Shift) F2 : Color F6 : Load Fail-Safe Settings F7 : Load Optimal Settings	

- Select "Chipset Features Setup" in the main program screen and press <Enter>.

Sélectionnez "Chipset Features Setup" dans l'écran de programme principal et appuyez sur <Entrée>.

"Chipset Features Setup" in dem Hauptbildschirm auswählen, und die Eingabetaste (Enter) drücken.

- Select the external system bus clock of your processor in the "CPU Bus Clock" field. The options are: 50MHz, 60MHz, 66MHz, 68MHz, 75MHz and 83MHz.

Sélectionnez l'Horloge Externe de Bus Système de votre processeur dans le champ "CPU Bus Clock". Les options sont 50MHz, 60MHz, 66MHz, 68MHz, 75MHz et 83MHz.

Im "CPU Bus Clock" Feld sind folgende Optionen möglich: 50MHz, 60MHz, 66MHz, 68MHz, 75MHz und 83MHz.



Note / Note / Anmerkung:

The default is 66MHz. Do not alter this setting unless necessary. We do not guarantee your system will work properly with the other options.

La valeur par défaut est 66MHz. Ne changez pas ce paramètre sauf en cas de nécessité. Nous ne garantissons pas que votre système puisse fonctionner avec les autres options.

Die Standardeinstellung ist 66MHz. Diese Einstellung sollte nicht von Ihnen geändert werden, das Ihr System möglicherweise nicht mit anderen Einstellungen arbeitet!

3.6 Selecting an IRQ for the External Modem Sélectionner une IRQ pour le Modem Externe IRQ Bestimmung für ein externes Modem

ROM PCI/ISA BIOS
POWER MANAGEMENT SETUP
AWARD SOFTWARE, INC.

ACPI Function	: Disabled		
Power Management	: User Define		
PM Control by APM	: Yes		
Video Off Method	: DPMS		
Video Off After	: Standby		
MODEM Use IRQ	: 3		
Standby Mode	: Disabled		
Suspend Mode	: Disabled		
HDD Power Down	: Disabled		
PCI/VGA Act Monitor	: Disabled		
Resume On Alarm	: Disabled		
		ESC : Quit	↑ ↓ → ← : Select Item
		F1 : Help	PU/PD/+/- : Modify
		F5 : Old Values (Shift) F2	: Color
		F6 : Load Fail-Safe Settings	
		F7 : Load Optimal Settings	

1. Select "Power Management Setup" in the main program screen and press <Enter>.

Sélectionnez "Power Management Setup" dans l'écran de programme principal et appuyez sur <Entrée>.

"Power Management Setup" in dem Hauptbildschirm auswählen, und die Eingabetaste (Enter) drücken.

2. Select the "MODEM Use IRQ" field. The options in this field are IRQ 3, 4, 5, 7, 9, 10 and 11. Default setting is IRQ 3.

Sélectionnez "MODEM Use IRQ". Les options sont IRQ 3, 4, 5, 7, 9, 10 ou 11. La valeur par défaut est IRQ 3.

Im "MODEM Use IRQ" Feld sind folgende optionen möglich: IRQ 3, 4, 5, 7, 9, 10 und 11. Voreinstellung sind IRQ 3.

3.7 Loading Fail-Safe Settings/Optimal Settings

Charger les Paramètres à Sécurité Relative Optimaux

Laden der Fail - Safe Einstellungen / Optimierte Einstellungen

The "Load Fail-Safe Settings" option loads the troubleshooting default values permanently stored in the ROM chips. These settings are not optimal and turn off all high performance features. You should use these values only if you have hardware problems. The "Load Optimal Settings" option loads optimized settings from the BIOS ROM. Use the Setup default values as standard values for your system.

L'option "Charger les Paramètres à Sécurité Relative" charge les valeurs de recherche de pannes par défaut stockées de manière permanente dans les puces ROM. Ces paramètres ne sont pas optimum et désactives toutes les fonctionnalités à haute performance. Vous pouvez utiliser ces valeurs seulement si vous rencontrez des problèmes de matériel.

Mit dieser Funktionen lassen sich Standardeinstellungen in dem permanenten ROM Speicher ablegen, die in Problemfällen geladen werden. Mit dieser Einstellung läßt sich der Computer im Standardmodus starten. Sie sollten diese Werte nur dann benutzen, wenn Hardwareprobleme etc. eine Starten des Computers nicht zulassen. Mit der Auswahl "Load Optimal Settings" lassen sich die optimierten Einstellungen von dem BIOS ROM abrufen. Die optimierten Einstellungen sind der Standardwert.

3.8 Setting the Supervisor/User Password

If you want to protect your system and the setup utility from unauthorized entry, set a password in the "Supervisor Password" field. If you want a user to have access only to your system but not to setup, set a password in the "User Password" field. Use the arrow keys to highlight the "Supervisor Password" or "User Password" field and press <Enter>. The message below will appear:

Enter Password:

Type in the password. You can enter up to eight characters only. You will then be prompted to confirm the password. Type in exactly the same password.

Make sure to set the "Security Option" field in the BIOS Features Setup to "System" or "Setup". This will depend on when you would like the system to be prompted with a password.

Définir le Mot de Passe Superviseur/Utilisateur

Si vous désirez protéger votre système et Install contre toute entrée non autorisée, paramétrez un mot de passe dans le champ "Supervisor Password". Si vous désirez protéger l'accès à Install seulement, mais pas votre système, paramétrez un mot de passe dans le champ "User Password". Utilisez les touches fléchées pour sélectionner le champ "Supervisor Password" ou "User Password" et appuyez sur <Entrée>. Le message ci-dessous apparaîtra.

Enter Password:

Entrez le mot de passe. Vous êtes limité à huit caractères. Une fois que c'est fait, vous serez invité à confirmer le mot de passe, entrez exactement le même mot de passe.

Assurez vous de positionner le champs "Security Option" dans les BIOS Features Setup sur "System" ou "Setup". Cela dépend du moment où vous désirez que le système vous demande le mot de passe.

Aktivieren eines Supervisor / Benutzer Paßwortes

Wenn Sie das "Supervisor Password" aktivieren, müssen Sie vor dem Einstieg in das Konfigurationsprogramm ein Kennwort eingeben., während das "User Password" den Zugang zu dem Computer ermöglicht. Wählen Sie den Eintrag "Supervisor Password" bzw. "Supervisor Password" und betätigen Sie die Eingabetaste (Enter). Im erscheinenden Dialogfeld.

Enter Password:

Geben Sie Ihr Kennwort mit bis zu 8 Stellen ein. Betätigen Sie die Eingabetaste und geben Sie das Kennwort als Bestätigung erneut ein.

Es ist darauf zu achten, daß das Feld "Security Option" in dem BIOS Features Setup auf "System" oder "Setup" gesetzt ist.

Chapter 4 - Supported Softwares

Logiciels Supportés

Unterstützte Software

4.1 Utility / Utilitaires / Hilfsprogramme

The CD included in the system board package contains a patch utility. If you are running Windows® 95 (Win95, Win95+, Win95 OSR1:Windows 95 OEM Service Release 1, Win95 OSR2:Windows 95 OEM Service Release 2.0 or Win95 OSR2.1:Windows 95 OEM Service Release 2.0 plus USB Supplement), you need to run the patch utility.

Insert the CD into a CD-ROM drive. The autorun screen (Main Board Utility CD) will appear. Click "Patch Utility for Windows 95". Please refer to its "readme" file for instructions on installing the utility.

All steps or procedures to install the utility are subject to change without notice as the utility may occasionally be updated. Please refer to the readme file for the latest information.

Appendix A - System Error Message

Messages d'Erreur du Système

Fehlernachricht des Systems

When the BIOS encounters an error that requires the user to correct something, either a beep code will sound or a message will be displayed in a box in the middle of the screen and the message, **PRESS F1 TO CONTINUE, CTRL-ALT-ESC or DEL TO ENTER SETUP**, will be shown in the information box at the bottom. Enter Setup to correct the error.

A.1 POST Beep / Pip de POST / Akustisches POST-Signal

There are two kinds of beep codes in the BIOS. One code indicates that a video error has occurred and the BIOS cannot initialize the video screen to display any additional information. This beep code consists of a single long beep followed by three short beeps. The other code indicates that a DRAM error has occurred. This beep code consists of a single long beep.

A.2 Error Messages / Messages d'Erreur / Fehlernachrichten

One or more of the following messages may be displayed if the BIOS detects an error during the POST. This list indicates the error messages for all Awards BIOSes:

CMOS BATTERY HAS FAILED

The CMOS battery is no longer functional. It should be replaced.



Caution:

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.

CMOS CHECKSUM ERROR

Checksum of CMOS is incorrect. This can indicate that CMOS has become corrupt. This error may have been caused by a weak battery. Check the battery and replace if necessary.

DISPLAY SWITCH IS SET INCORRECTLY

The display switch on the motherboard can be set to either monochrome or color. This indicates the switch is set to a different

setting than indicated in Setup. Determine which setting is correct, either turn off the system and change the jumper or enter Setup and change the VIDEO selection.

FLOPPY DISK(S) fail (80)

Unable to reset floppy subsystem.

FLOPPY DISK(S) fail (40)

Floppy type mismatch.

Hard Disk(s) fail (80)

HDD reset failed.

Hard Disk(s) fail (40)

HDD controller diagnostics failed.

Hard Disk(s) fail (20)

HDD initialization error.

Hard Disk(s) fail (10)

Unable to recalibrate fixed disk.

Hard Disk(s) fail (08)

Sector Verify failed.

Keyboard is locked out - Unlock the key

The BIOS detects that the keyboard is locked. Keyboard controller is pulled low.

Keyboard error or no keyboard present

Cannot initialize the keyboard. Make sure the keyboard is attached correctly and no keys are being pressed during the boot.

Manufacturing POST loop

System will repeat POST procedure infinitely while the keyboard controller is pull low. This is also used for the M/B burn in test at the factory.

BIOS ROM checksum error - System halted

The checksum of ROM address F0000H-FFFFFH is bad.

Memory test fail

The BIOS reports memory test fail if the memory has error(s).