**Item Checklist**

Completely check your package. If you discover damaged or missing items, contact your retailer.

- ☑ P5MVP3/A3 motherboard
- ☑ QDI Motherboard Utility CD-ROM
- ☑ Retention Module
- ☑ I/O shield
- ☑ 1 IDE ribbon cable
- ☑ 1 floppy ribbon cable
- ☑ User's manual

**Notice**

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If you need any further information, please visit our web-site: "www.qdigrp.com".

# Declaration of conformity

$$C \in$$

**QUANTUM DESIGNS(HK) LTD.**

**5/F Somerset House, TaiKoo Place 979 Kings Road,
Quarry Bay, Hong Kong**
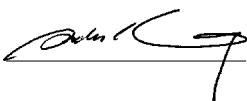
declares that the product

**Pentium® Motherboard
P5MVP3/A3**

is in conformity with

(reference to the specification under which conformity is declared in
accordance with 89/336 EEC-EMC Directive)

☑ EN 55022      Limits and methods of measurements of radio disturbance
characteristics of information technology equipment

☑ EN 50081-1      Generic emission standard Part 1:
Residential, commercial and light industry

☑ EN 50082-1      Generic immunity standard Part 1:
Residential, commercial and light industry

European Representative:

| | |
|---|---|
| QDI COMPUTER (UK) LTD. | QDI COMPUTER ( SCANDINAVIA ) A/S |
| QDI SYSTEM HANDEL GMBH | QDI COMPUTER ( NETHERLANDS) B. V. |
| QDI COMPUTER (FRANCE) SARL | QDI COMPUTER HANDELS GMBH |
| QDI COMPUTER (ESPANA) S.A. | QDI COMPUTER (SWEDEN) AB |

Signature : _____ . Place / Date : __HONG KONG/1998__

Printed Name : __Anders Cheung__    Position/ Title : __President__

# Declaration of conformity

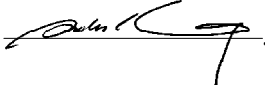**FC**

| | |
|---|---|
| Trade Name: | QDI  Computer ( U. S . A. ) Inc. |
| Model Name: | P5MVP3/A3 |
| Responsible Party: | QDI Computer ( U. S. A.) Inc. |
| Address: | 41456 Christy Street |
| | Fremont, CA 94538 |
| Telephone: | (510) 668-4933 |
| Facsimile: | (510) 668-4966 |
| | |
| Equipment  Classification: | FCC Class B Subassembly |
| Type of Product: | AGP Pentium® Motherboard |
| **Manufacturer**: | **Quantum Designs (HK) Inc.** |
| Address: | 5/F, Somerset House, TaiKoo Place |
| | 979 Kings Road, Quarry Bay, HONG |
| | KONG |

Supplementary Information:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Signature : _____    Date : _____1998_____

# CONTENTS

# CONTENTS

# SpeedEasy Quick Setup

## Procedures :

1. Correctly insert the processor.

2. Plug in other configurations and restore the system.

3. Switch on power to the system and press the <Del> key to enter BIOS Setup.

4. Enter ' SpeedEasy CPU SETUP' menu to set up the CPU speed.

Note: If you don' t set CPU speed, your system will run at default setting.

5. Save and exit BIOS Setup, your system can now boot successfully as expected.

# SpeedEasy CPU Setup Menu

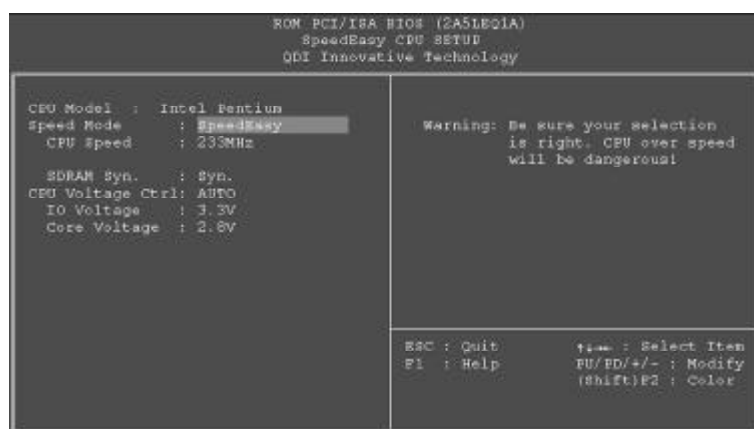Select <SpeedEasy CPU SETUP> item from the main menu and enter the sub-menu:



Figure - 1  SpeedEasy CPU Setup

BIOS will provide you with a set of basic values for your processor selection instead of the jumper settings. The processor speed can be manually selected on the "SpeedEasy CPU SETUP" menu screen.

BIOS also provides you with two choices, SDRAM Syn. or SDRAM Asyn. If PC-100 Spec. SDRAMs are used on your system, set as 'Syn'. If PC-66 Spec. SDRAM are used on your system, and the host bus clock is lower than 83MHz, set as 'Syn'. However, if the host bus clock equals to or higher than 83MHz, set as 'Asyn'.

Regarding the CPU voltage, it is recommended that users set CPU Voltage Ctrl as 'Auto'.

## ⚠️ Warning:

> Dot not set CPU frequency higher than its working frequency. If you do, we will not be responsible for any damages caused.

**Note:  In addition, if your system can not boot up again because of wrong CPU setting, hold down the hot-key <Del> while powering on the system, the system will reboot and run at the basic values.**

# Schneller Überblick über die Einstellungen:

## Vorgehensweise:

1. Setzen Sie die CPU richtig ein.

2. Stecken Sie weitere Komponenten ein und vervollständigen Sie das System.

3. Drücken < DEL > oder < ENTF > und schalten Sie das System ein, um in das BIOS-Setup zu gelangen.

4. Wählen Sie das Menü ,,SpeedEasy CPU SETUP", um die CPU-Taktfrequenz einzustellen.

   **Anmerkung: Wenn Sie die CPU-Taktfrequenz nicht einstellen, wird Ihr System in der Grundeinstellung laufen .**

5. Wählen Sie die Option ,,Save and Exit BIOS Setup", um die vorgenommen Änderungen abzuspeichern. Anschließend können Sie wie erwartet das System erfolgreich hochfahren.

# Menü für die SpeedEasy CPU-Einstellungen

Wählen Sie das Menü < SpeedEasy CPU SETUP > aus und gehen
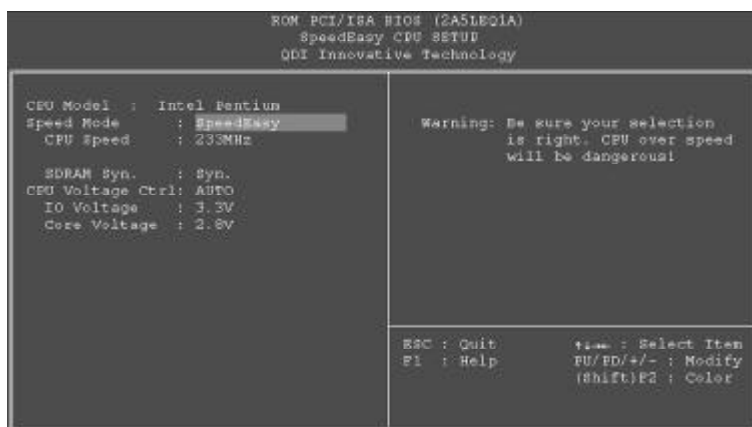Sie in das folgende Untermenü:



```
                    ROM PCI/ISA BIOS (2A5LEQ1A)
                         SpeedEasy CPU SETUP
                       QDI Innovative Technology

   CPU Model  :  Intel Pentium
   Speed Mode   :  SpeedEasy         Warning: Be sure your selection
    CPU Speed   :  233MHz                     is right. CPU over speed
                                              will be dangerous!
    SDRAM Syn.   :  Syn.
   CPU Voltage Ctrl:  AUTO
    IO Voltage   :  3.3V
    Core Voltage :  2.8V



                                    ESC : Quit          ↑↓←→ : Select Item
                                    F1  : Help           PU/PD/+/- : Modify
                                                        (Shift)F2 : Color
```

*Bild 1 ,, SpeedEasy CPU SETUP " Menü*

Beim den SpeedEasy-Mainboard stellt Ihnen das BIOS anstelle von Jumper-
Einstellungen eine Auswahl von Grundeinstellungen zur Verfügung. Um Ihr
System optimal zu betreiben, können Sie von Hand die Werte für die CPU-
Taktfrequenz unter der Option „CPU-Taktfrequenz unter der Option „CPU
Speed" im ,,SpeedEasy CPU SETUP" Menü einstellen.

⚠ **warnung:**

> Sie sollten die CUP-Taktfrequenz nicht höher als die angegebene beitsgeschwindigkeit
> einstellen. Anderfalls sehen wir uns für irgendwelche hierdurch hervorgerufene
> Schäden nicht verantwortlich.

**Anmerkung:** Falls Ihr System aufgrund einer falschen CPU-Einstellung nicht mehr
hochfahren kann, halten Sie beim inschalten des Rechners die Taste < DEL > bzw.
< ENTF > gedrückt. Das System wird dann mit den Grundeinstellungen neu gestartet.

# Setup Rápido

## Procedimiento:

1. Insertar la CPU correctamente.

2. Insertar otros dispositivos en el sistema.

3. Presionar la tecla <Del> y arrancar el sistema para entrar en BIOS setup.

4. Seleccionar el menu "SpeedEasy CPU SETUP" para seleccionar la velocidad de la CPU.

**Nota: si no selecciona la velocidad de la CPU, el sistema funcionará a la velocidad por defecto.**

5. Grabar y salir de BIOS Setup, entonces el sistema arrancará y funcionará como Ud. espera.

# Configuración de la CPU en el menu SpeedEasy

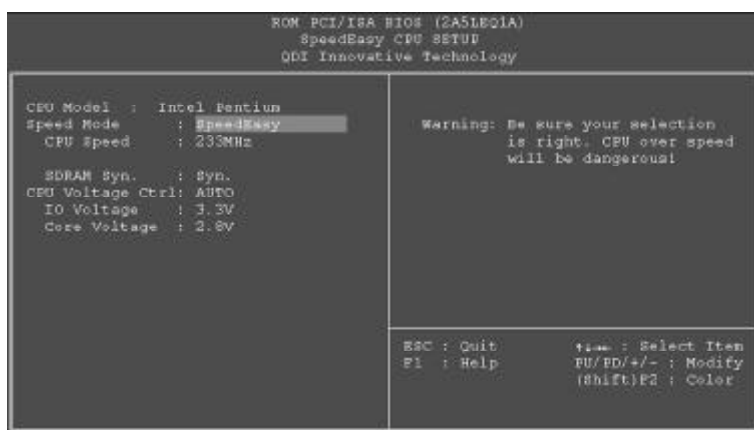Seleccione <CPU Speed SETUP> en el menu principal para entrar en el siguiente menu:



*Figure -1. SpeedEasy CPU Setup Menu*

Para la placa base SpeedEasy, la BIOS proporciona un juego de valores básicos para seleccionar el tipo de CPU, en lugar de los jumpers. Para hacer que su sistema funcione lo más rapidamente posible, Ud. puede manualmente aumentar el valor de la velocidad de frecuencia en "CPU Speed" en el menu <SpeedEasy CPU SETUP>.

⚠️ **Aviso**

> Aviso: es recomendable no seleccionar una frecuencia superior para la CPU a la que esta fue diseñada. En caso contrario, no nos hacemos responsables de los posibles daños que esto pueda causar.

Nota: por lo tanto, si su sistema no puede rearrancar de nuevo tras haber variado la frecuencia de trabajo de la CPU por una incorrecta, Ud. puede arrancar manteniendo apretada la tecla <Del> mientras conecta su equipo. El sistema arrancará con los valores básicos.