Socket370 Adaptor Installation

1 Features

1) Support Dual Celeron system (need 2 socket370 adaptor, ver:3.0)

2) Force 100MHz or 133MHz front side bus frequency on Celeron

3) CPU core voltage adjustment.
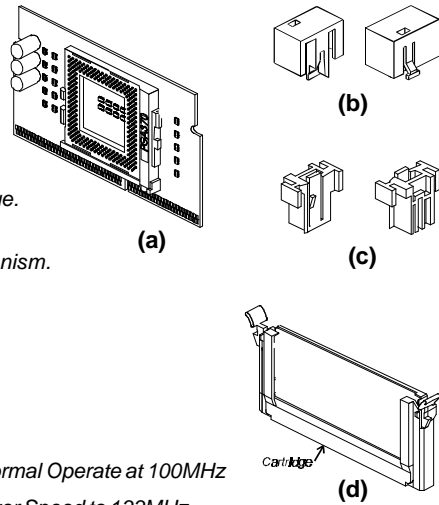
2 Accessories

a) Socket370 Adaptor Board:
For converting PPGA Celeron processor to Single Edge processor Package.

b) Type 1 Top Holders, or c) Type 2 Top Holders:
For fastening up the adaptor on the left and right sides of Retention Mechanism.

d) Cartridge (optional)
Converting adaptor to SECC like package.

(a)
(b)
(c)
(d)

3 Jumper Setting

1) **JP1** - Over speed 66MHz based PPGA Celeron to 100MHz
2) **JP4** - Over speed 100MHz based PPGA Celeron to 133MHz

JP1 — Normal Operate at 66MHz
JP1 — Over Speed to 100MHz

JP4 — Normal Operate at 100MHz
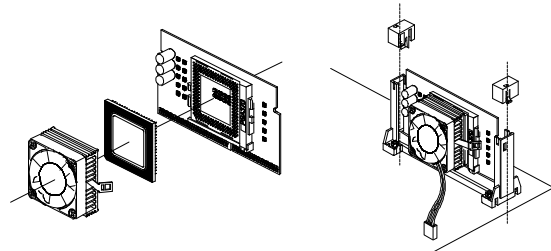JP4 — Over Speed to 133MHz

3) **JP3** - Pin 1-2 close: support dual or signle celeron processors.
   Pin 2-3 close: support furture 133MHz based celeron processor.
4) **JP2** - Adjusting CPU core voltage manually.

Note: Please do not use this function on the motherboard which didn't supply the voltage below 1.8V.

JP2	CPU Core Voltage	JP2	CPU Core Voltage	JP2	CPU Core Voltage	JP2	CPU Core Voltage	JP2	CPU Core Voltage	JP2	CPU Core Voltage
1.35V		1.55V		1.75V		1.95V		2.2V		2.6V	
1.4V		1.6V		1.8V		2.0V		2.3V		2.7V	
1.45V		1.65V		1.85V		2.05V		2.4V		Auto	
1.5V		1.7V		1.9V		2.1V		2.5V			

4.1 Installing Adaptor with Top Holders

1) To locate the ZIF Socket370 by first pulling the lever sideways 90-degree upwards. Insert the CPU with the correct orientation. Notice that the CPU has a corner pin for two of the four corners, the CPU will only fit in with right orientation. Before closing the lever, hold down the CPU on the socket.
Then you should have a CPU fan to cover the surface of the CPU.

2) Hold the socket370 adaptor uprightly and slide it into the Retention Mechanism. Push the adaptor firmly down the slot, evenly with force on both sides of the top, until it is seated.

3) Push the left and right top holders onto the retention mechanism to fasten socket370 adaptor card. Please note that left/right holder is not exchangeable.

Note : Type1 top holders will only fit into PII retention mechanism and Type 2 Top Holders fit into PII and universal retention mechanism.

4.2 Installing Adaptor with Cartridge

1) Remove socket370 adaptor and cartridge from anti-static bag.

2) Insert the CPU with the correct orientation.

3) Mount a CPU fan to cover the surface of the CPU (CPU and fan are not including in packing).

4) Insert the socket370 adaptor and cartridge into Retention Mechanism firmly.

Socket370 Adaptor
Cartridge

M290