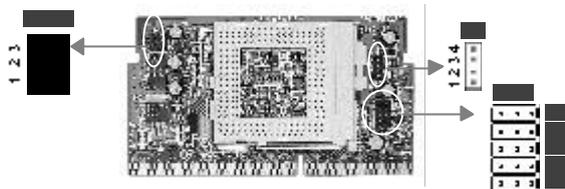


# Socket 370 CPU Card (V5.1)

QDI socket 370 CPU card allow s Slot 1 mainboard to accept Intel® Celeron™ PPGA 370 or Coppermine FC-PGA processors. The socket 370 CPU card provides the users w ith an effective way to upgrade their Pentium® II or Pentium® III Slot 1 system by using Intel® Celeron™ PPGA 370 or Coppermine FC-PGA processors.

Refer to the picture below , paying attention to all jumpers.



## Voltage Jumper Settings (JV0, JV1, JV2, JV3, JV4)

### Warning :

1. Before setting the CPU core voltage, please be sure that there' s no VID jumpers on your mainboard or the jumpers are all set as Auto.
2. Setting the CPU core voltage is recommended for advanced users.

Setting the CPU core voltage is not necessary for current socket 370 processors. However if required, set the jumpers by referring to the documentation of your socket 370 processor. If no voltage is indicated or you are not sure, default setting " 1-2" is suggested, as shown below.

Jumper Setting						Jumper Setting					
JV4	JV3	JV2	JV1	JV0		JV4	JV3	JV2	JV1	JV0	
2-3	OFF	OFF	OFF	OFF	1.30	OFF	OFF	OFF	OFF	OFF	2.00
2-3	OFF	OFF	OFF	2-3	1.35	OFF	OFF	OFF	OFF	2-3	2.10
2-3	OFF	OFF	2-3	OFF	1.40	OFF	OFF	OFF	2-3	OFF	2.20
2-3	OFF	OFF	2-3	2-3	1.45	OFF	OFF	OFF	2-3	2-3	2.30
2-3	OFF	2-3	OFF	OFF	1.50	OFF	OFF	2-3	OFF	OFF	2.40
2-3	OFF	2-3	OFF	2-3	1.55	OFF	OFF	2-3	OFF	2-3	2.50
2-3	OFF	2-3	2-3	OFF	1.60	OFF	OFF	2-3	2-3	OFF	2.60
2-3	OFF	2-3	2-3	2-3	1.65	OFF	OFF	2-3	2-3	2-3	2.70
2-3	2-3	OFF	OFF	OFF	1.70	OFF	2-3	OFF	OFF	OFF	2.80
2-3	2-3	OFF	OFF	2-3	1.75	OFF	2-3	OFF	OFF	2-3	2.90
2-3	2-3	OFF	2-3	OFF	1.80	OFF	2-3	OFF	2-3	OFF	3.00
2-3	2-3	OFF	2-3	2-3	1.85	OFF	2-3	OFF	2-3	2-3	3.10
2-3	2-3	2-3	OFF	OFF	1.90	OFF	2-3	2-3	OFF	OFF	3.20
2-3	2-3	2-3	OFF	2-3	1.95	OFF	2-3	2-3	OFF	2-3	3.30
2-3	2-3	2-3	2-3	OFF	2.00	OFF	2-3	2-3	2-3	OFF	3.40
2-3	2-3	2-3	2-3	2-3	2.05	OFF	2-3	2-3	2-3	2-3	3.50

**Note:** ' OFF ' means to leave the jumpers open.

Sometimes you need to set a little extra voltage to get your CPU running overclocked or on dual-Celeron™ processor system, for example, sets the CPU voltage as 2.05V for 2.00V CPU. However, we do not guarantee the system will function properly under these conditions.

## Overclocking Jumper Setting ( JF0, JF1 )

**Note:** The jumper JF0 and JF1 are effective only if there' s no JSB jumper on your mainboard or if it has, the jumper is set as AUTO. FSB provides users with an option to select 66/100/133MHz front side bus. Refer to the table below for information on how to set it.

FSB	66MHz	100MHz	133MHz	Auto
JF0	2-3	OFF	OFF	1-2
JF1	2-3	2-3	OFF	1-2

If setting CPU FSB as AUTO, the system detects the front side bus automatically. If setting CPU FSB as 100MHz, the system will run at 100MHz even if a processor with 66MHz or 133MHz front side bus is installed. Setting up to 133MHz using processors with 100MHz bus speed is also supported. However, whether or not your system can be overclocked depends on your processor' s capability. We do not guarantee the overclocking system to be stable.

## Processors Jumper Setting (J11)

Pin1-2 and Pin3-4 closed	Support Coppermine FC-PGA processor
Pin2-3 closed	*Support Celeron PPGA 370 processor

**Note:** \*The QDI socket 370 CPU card enables the Intel® Celeron™ processor' s capability of running on dual-processor system.

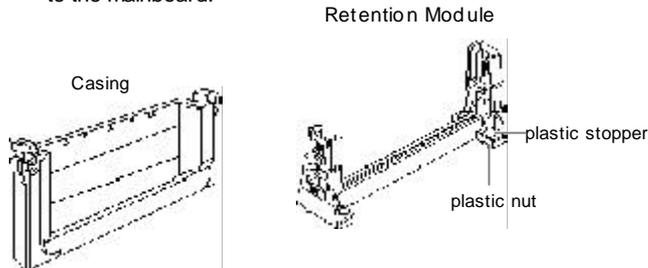
### The following mainboards can support Coppermine FC-PGA processor by using Socket 370 CPU card

WinneX 2, WinneX 2E, WinneX 3, WinneX 3E, WinneX 6, A5/133E, B1S/2000 and so on.

### Installation steps

Please refer to the picture shown below :

1. Place the retention module onto the mainboard, paying attention to the 4 holes on the mainboard around the Slot 1.
2. Place the 4 plastic nuts into the 4 holes, located on each corner of the retention module.
3. Place the 4 plastic stoppers into the plastic nuts and secure them.
4. Lift the lever of the Socket 370.
5. Insert the Intel® Celeron™ PPGA 370 or Coppermine FC-PGA processor to the socket 370 CPU card, and properly set all the jumpers (voltage and overclocking jumpers).
6. Place the CPU fan onto the processor, and lock it.
7. Insert the socket 370 CPU card with CPU and CPU fan already installed to the retention module, and connect the fan connector to the mainboard.



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