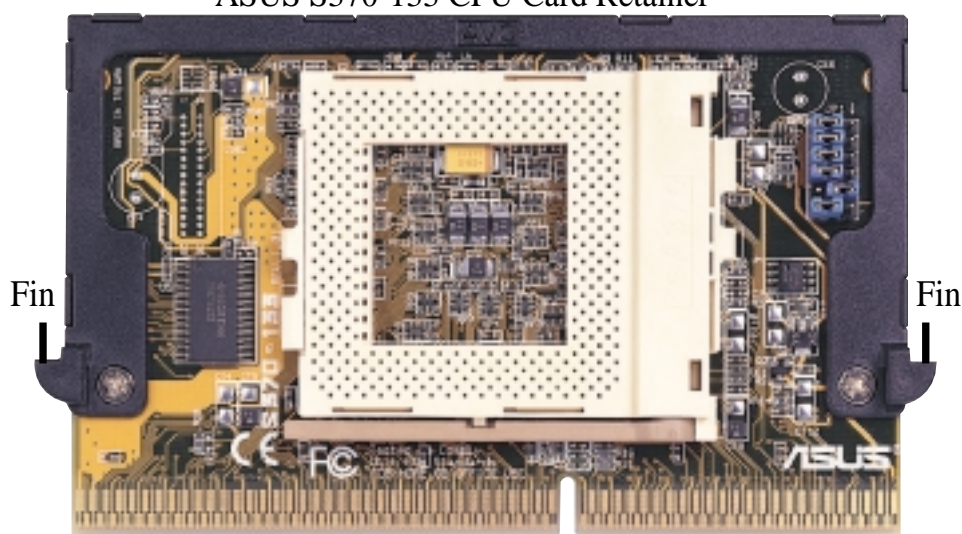


ASUS® S370-133 CPU Card

The optional ASUS S370-133 CPU card allows Slot 1 motherboards to accept socket 370 processors with a FSB running at up to 133MHz. The ASUS S370-133 CPU card supports both Coppermine and Celeron processors to give Slot 1 motherboard owners an inexpensive way to upgrade their Pentium II/III computers using lower costing socket 370 processors. Since socket 370 processors are designed on the Pentium II/III design, the only difference is the package form factor. Additionally, the S370-133 card can acquire temperature data from the processor's thermal diode and send it to the motherboard that supports CPU thermal monitoring.

The following shows a picture of the ASUS S370-133 CPU card with a black plastic retainer attached to the edge. The retainer is used to hold the ASUS S370-133 CPU card in place using the motherboard's Slot 1 retention mechanism.

ASUS S370-133 CPU Card Retainer



Slot 1 Compatible Connector

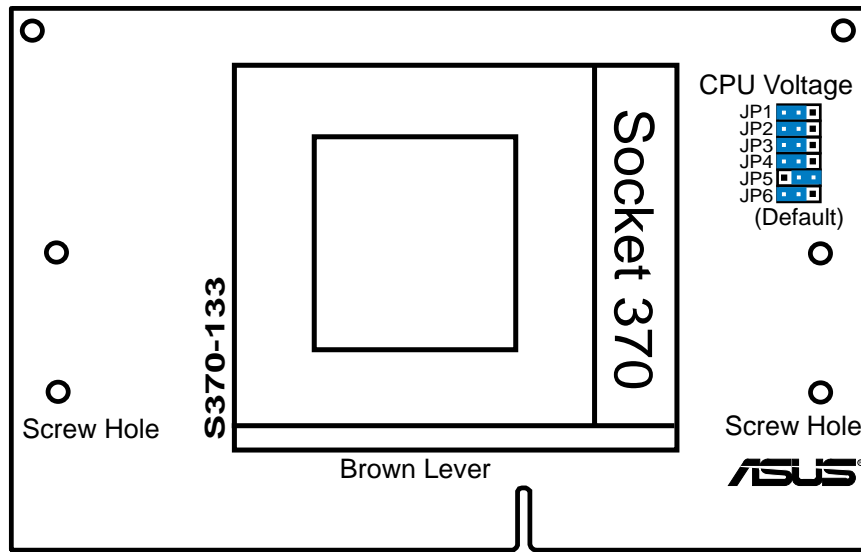
Using the ASUS S370-133

The general procedure for using the ASUS S370-133 CPU card:

1. Set the **JP6** jumper according to the type of your CPU. See the reverse side of the ASUS S370-133 CPU card or this insert for jumper settings.
2. Check the voltage setting for your socket 370 processor using the jumpers on the card if necessary. For current socket 370 processors, the default setting should be used.
3. Install the socket 370 processor. Installation of socket 370 processors is exactly like socket 7 processors. Lift the brown lever to 90° to install the processor and lower the brown lever to lock the processor.
4. Install the CPU fan.
5. Insert the ASUS S370-133 CPU card into Slot 1 on the motherboard. The two fins on the sides of the ASUS S370-133 CPU card must catch on the retention mechanism so that it locks in place.
6. Connect the socket 370 processor's fan connector to the motherboard.
7. Make sure that no wires or objects come in contact with the fan and you're done!

ASUS® S370-133 CPU Card

Setting up the ASUS S370-133



ASUS S370-133 Jumper Settings

Setting the CPU voltage is *not* necessary for current socket 370 processors. If required, your socket 370 processor should have its voltage requirement printed on its surface or documentation. If no voltage is indicated or you are not sure, use the “CPU Def.” setting as shown below. Notice that **JP6** should be set to distinguish between Coppermine and Celeron processors.

JP6 1 2 3			JP6 1 2 3							
For Coppermine Processors (Default)			For Celeron Processors							
JP1	1.50Volts	1.55Volts	1.60Volts	1.65Volts	1.70Volts	1.75Volts	1.80Volts	1.85Volts	1.90Volts	1.95Volts
JP2	2.00Volts	2.05Volts	2.10Volts	2.20Volts	2.30Volts	2.40Volts	2.50Volts	2.60Volts	CPU Def. (Default)	

Socket 370 CPU Voltage

WARNING! Exceeding your socket 370 processor’s required voltage can damage your processor permanently! Make sure that the jumpers are as shown for “CPU Def.” unless otherwise specified before powering on your motherboard.