

APPLICATION NOTE 064

INTEL PENTIUM 200MHz MMX CPU SUPPORT

From: JM *Product:* PCC-P5
To: Customersupport *Version:* V2.1
Date: 12.05.1998 *BIOS:* all

Modifications on PCC-P5 for INTEL Pentium 200MHz MMX Support

Power-Supply:

CPU Core Voltage is 2.9V
CPU I/O Voltage is 3.3V

↗ Changes: keep Jumper J51 **open**

Host Bus Frequency (BF[0..1] Signals):

Jumper J3: keep this jumper **open** and connect the BF0 pin to 3.3V with a wire.
(use pin 2 of the linear regulator for 3.3 Volts)

Jumper J4: **close**

Jumper J86: set to **1-2**

Core Voltage Supply:

Modify the resistor values for 2.9V output.

↗ Changes: R173 = **56KΩ** ; R174 = **39KΩ** ;

Check these jumpers too ! (VGA-Supply):

Jumper J54: Position **1-2**

Jumper J78: Position **1-2**

Jumper J79: Position **1-2**

Jumper J80: Position **1-2**