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[Japanese Manage to Overclock A Pentium 4 All the Way Up to 5 GHz](#)

Pentium 4 Model 631

Many doubted that such a performance could be achieved, but the information posted on [a Japanese website](#) goes to prove with screenshots and pictures that a basic Pentium 4 processor was successfully "persuaded" to go up to 5 GHz. One of the most important features that made this experiment possible was the cooling system, which didn't use Liquid Nitrogen as one might expect (considering that is the usual substance for such extreme cooling tasks). The Japanese used a gas cooling solution and a big part of the equation was the huge heatsink and all the big fans around the processor. According to information posted by The Inquirer and translated directly from the Japanese source, the processor at stake is a basic model 631, which usually runs quietly at 3 GHz, but now was overclocked to 5 GHz.