



The No1 technology magazine in the world

## PRESS RELEASE

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### PC WORLD / June issue

#### **We built the fastest PC in the world and We broke the performance world record in the 5+GHz PCs**

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PC WORLD, the No 1 technology magazine in the world, is proud to announce the build of the fastest PC in the world and the attainment of **multiple performance records**, based on fully approved and internationally acclaimed benchmarks.

After 20 days of testing at the premises of **Personal Computer Laboratories**, where 3 processors, 3 mainboards, 2 pairs of memories and 4 power supplies were used, the PC Laboratories team, pull off the fastest PC in the world!

The top-ranking results of the team's effort were multiple:

1. We built the **fastest PC**, based on to the FutureMark's **PC Mark 2004** internationally acclaimed benchmark.
2. We increased the frequency operation of the new Pentium D, Intel's dual core processor, per 50%.
3. We achieved the highest performance in the world for a single core processor, **outpacing the 5GHz** with a 3,73 EE Pentium 4.

Need to point out here that the system which achieved the highest performance in the world was totally functional and stable not only during the process and under stressful testing but after the testing procedure was over, as well.

#### **Testing factors**

**PC Mark:** FutureMark's internationally acclaimed benchmark that evaluates a PC's performance. The official site of FutureMark has received more than 750.000 results, with the PC WORLD's composition taking up its top, scoring 9073 PC Marks.

**Processors:** A single core Pentium 4 Extreme Edition 3,73GHz was used, reaching 5,2GHz in a fully functional mode. The new generation dual core Pentium D 3,2GHz Extreme Edition was also used, helping us take up the top with its 4,7GHz frequency operation.

**Cooling:** The most important subsystem we used was Vapochill LS, a cooling system that operates with Freon system, achieving -40°C, as well as immediate abduction of the enormous amounts of heat emitted by the processors at these frequency levels.

**Memory:** For our measurements we used Geil's memories from the Ultra X series. From the nominal speed of 533MHz with "aggressive" timings they reached 866MHz.

**Expertise:** The PC WORLD lab team did the right moves with the settings of FSB, memory and frequency operation, achieving the optimum combination that allowed us to be ranked first in the world with a fully functional (and stable while operating) system.

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### **About IT Publications Hellas Ltd**

**IT Publications Hellas Ltd** publishes the monthly technology magazines PC WORLD, Digital World & Computer Active, the biggest technology magazines at world-wide and European level, respectively.

**PC WORLD** is addressed to advanced users and professionals who make extensive use of technology products. It is a magazine that meets the needs of professionals in information technology, as well as the best vehicle for companies who wish to address that crucial market segment. **Digital World** comes out along with PC WORLD and reports the "digital world" that has entered the house of today.

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