
Subject: Re: ***IDL Speed Survey (IDLSPEC) Results!!!

Posted by [J.Tan\[1\]](#) on Mon, 20 Apr 1998 07:00:00 GMT

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> And David, the PC was described as "Assembled PC", sent by (and perhaps
> assembled by) Jun Tan <J.Tan@rl.ac.uk>.

>

>

> JD

The PC I have (as mentioned by JD) is assembled by our in-house PC Support expert, Mike Palmer. He has chosen the following hardware for the system:

(1) 1 Intel PII 300 MHz CPU

(2) Supermicro P6DLS motherboard (supporting dual CPU processors and with built-in Adaptec 2940 SCSI)

(3) 128 Mbytes SDRAM in a single DIMM

(4) Diamond FireGL 1000 Pro graphics card (AGP port)

The hard disks are the "old" hard disks taken from my previous system (Pentium 166 classical), these are Seagate Medal Pro (supporting UDMA & ATA3) with EIDE interface.

The OS is NT 4.0 with SP2. I have used the Intel BusMaster EIDE driver. Moreover, I have tweaked the registry to change a few parameters for the NT kernel & NTFS performance (memory, caching etc.).

Compared with Pentium 166, the current PII 300 is about 2-2.5 times faster in IDL, in terms of computation (tt2), graphics(gt2) and I/O (tt2_23).

Currently, I have decided not to add the second CPU until RSI has written a new version IDL which supports multi-thread and take the advantages of the dual-CPU.

Regards,

Jun Tan
