
Subject: Re: Computing Speed
Posted by [steinhh](#) on Thu, 19 Feb 1998 08:00:00 GMT
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For IDL V 4.0.1c

Time (s)	Machine/spec
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4.0	Digital Alpha Server 2100 5/250 (250MHz), 1GB
2.3	Digital Workstation 500au 5/500 (500MHz), 300MB

Using the IDL v 4.0.1 version of time_test, identical results were obtained for IDL v 5.0.3

For IDL v 5.0.3, there are several "improved" time tests, and they've been modified to allow skipping the file read/write, which is a big plus, since disk I/O to your current directory says nothing about your machine's computation speed.

(You must ".run time_test" to get at time_test2/3!)

For IDL v 5.0.3, time_test2,/nofileio:

Time (s)	Machine/spec
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7.5	Digital Alpha Server 2100 5/250, 1GB
4.6	Digital Workstation 500au 5/500, 300MB

For IDL v 5.0.3, time_test3,/nofileio:

12.0	Digital Alpha Server 2100 5/250, 1GB
7.9	Digital Workstation 500au 5/500, 300MB

Any others? I must say I was surprised to see the PPro 200MHz result, though it would be nice to see how it compares with some more complex, large-array computations.. (not that I have any good suggestions..) I should also mention that the Alpha Server has four processors installed, which should beat the PPro pretty easily when used in parallel!

Regards,

Stein Vidar
