Subject: NTL bench on XP64 - Just for info
Posted by arturbac on Sat, 09 Jun 2007 21:54:50 GMT

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AMD Athlon64X2 4200
Build - Optimize speed
Testing Windows - WinXP64

x64 BUILDs

MSSTL MSVC8
STL map time: 4813 ms
NTL time: 1687 ms
<--- Finished in (0:06.53), exitcode: 0 --->

STLPORT 5.1.3 MSVC8
STL map time: 3438 ms
NTL time: 1812 ms
<--- Finished in (0:05.39), exitcode: 0 --->

x86 BUILDs

MSSTL MSVC8
STL map time: 11813 ms
NTL time: 1828 ms
<--- Finished in (0:13.67), exitcode: 0 --->

STLPORT 5.1.3 MSVC8
STL map time: 4703 ms
NTL time: 1875 ms
<--- Finished in (0:06.68), exitcode: 0 --->

GCC STL U++ MINGW
STL map time: 11328 ms
NTL time: 2219 ms
<--- Finished in (0:13.60), exitcode: 0 --->

Nice in my App (crunches GB of data) i see difference without testing ....

It was realy worth porting to XP64

--

Artur

Subject: Re: NTL bench on XP64 - Just for info
Posted by arturbac on Sat, 09 Jun 2007 22:01:34 GMT
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Same Computer
OS Windows Vista Business x86

MINGW x86
STL map time: 13625 ms
NTL time: 2500 ms
<--- Finished in (0:16.12), exitcode: 0 --->

MSVC8 x86
STL map time: 10500 ms
NTL time: 2203 ms
<--- Finished in (0:12.84), exitcode: 0 --->

Subject: Re: NTL bench on XP64 - Just for info
Posted by arturbac on Sat, 09 Jun 2007 22:10:09 GMT
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And the last one
Same computer

FreeBSD 6.2-RELEASE-p2 amd64
gcc version 3.4.6 [FreeBSD] 20060305

STL map time: 6531 ms
NTL time: 2416 ms

Subject: Re: NTL bench on XP64 - Just for info
Posted by unodgs on Sun, 10 Jun 2007 09:22:35 GMT
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Quite impressive results. In theory my app will be 5 times faster only because better map
implementation...

Subject: Re: NTL bench on XP64 - Just for info
Posted by arturbac on Wed, 04 Jul 2007 22:24:58 GMT
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AMD Athlon64 X2 6000+
FreeBSD 6.2-RELEASE-p2 #1: Thu Mar 15 02:50:28 CET 2007   amd64

gcc version 3.4.6 [FreeBSD] 20060305

STL map time: 5211 ms
NTL time: 1362 ms

Subject: Re: NTL bench on XP64 - Just for info
Posted by mirek on Wed, 18 Jul 2007 11:58:29 GMT
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arturbac wrote on Sat, 09 June 2007 18:01Same Computer
OS Windows Vista Business x86

MINGW x86
STL map time: 13625 ms
NTL time: 2500 ms
<--- Finished in (0:16.12), exitcode: 0 --->

MSVC8 x86
STL map time: 10500 ms
NTL time: 2203 ms
<--- Finished in (0:12.84), exitcode: 0 --->

Is Vista really that slow? Makes a little sense in this benchmark to me...

Mirek

Subject: Re: NTL bench on XP64 - Just for info
Posted by arturbac on Wed, 18 Jul 2007 19:55:03 GMT
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What can i say i didn't change the results just copy/paste
Test were run on same computer.

Subject: Re: NTL bench on XP64 - Just for info
Posted by mirek on Sun, 22 Jul 2007 08:42:08 GMT
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Artur, can I ask for a favor?

As you seem to be able to test with both XP and Vista on the same hardware... Could you please test how long it takes the full rebuild of theide on both? (Best test it twice and report the second result).

I think this would be quite a useful information for anybody deciding whether to buy some HW with

OEM Vista or rather not.... (I am in decision process now, looking for new notebook).

Mirek

Subject: Re: NTL bench on XP64 - Just for info
Posted by mr_ped on Sun, 22 Jul 2007 09:19:34 GMT
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Dell with ubuntu?

Subject: Re: NTL bench on XP64 - Just for info
Posted by arturbac on Sat, 28 Jul 2007 19:49:32 GMT
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OK i will try next week.
I dont use Vista at all becouse of many annoying things, and problems on my computer.
Even with simple compilation on U++, folder rights etc...
Actualy im little busy so cannot.