CINT2000 Result

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Bull

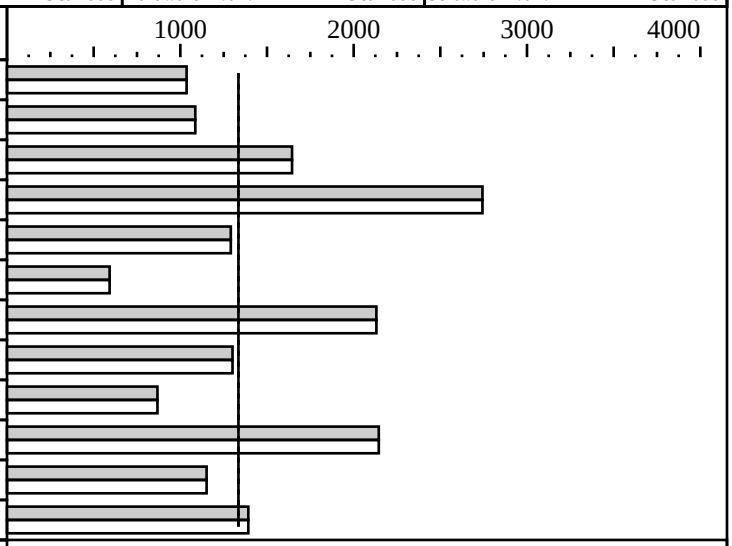
NovaScale 3045 (1.6 GHz, Itanium2 9050)

SPECint2000 = 1335

SPECint_base2000 = 1335

SPEC license #: 20 | Tested by: Bull | Test date: Oct-2006 | Hardware Avail: Oct-2006 | Software Avail: Oct-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	135	1036	135	1036
175.vpr	1400	129	1086	129	1086
176.gcc	1100	66.9	1644	66.9	1644
181.mcf	1800	65.6	2743	65.6	2743
186.crafty	1000	77.5	1291	77.5	1291
197.parser	1800	304	592	304	592
252.eon	1300	61.0	2131	61.0	2131
253.perlbmk	1800	138	1301	138	1301
254.gap	1100	127	868	127	868
255.vortex	1900	88.6	2145	88.6	2145
256.bzip2	1500	130	1152	130	1152
300.twolf	3000	215	1392	215	1392



Hardware

CPU:	Itanium 2 Processor 9050 1600 MHz FSB 533MHz
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1, 2, 3 or 4 (chips)
Parallel:	No
Primary Cache:	16KB(I) + 16KB(D) on chip per core
Secondary Cache:	256KBI + 1MBD on chip per core
L3 Cache:	12MB (I+D) on chip per core
Other Cache:	N/A
Memory:	128 GB (32 x 4GB ECC DIMMs DDR2-533 PC4200 533MHz CL4)
Disk Subsystem:	2x10krpm 73GB SAS disks
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise Edition (64 bits), Service Pack1
Compiler:	Intel(R) C++ Itanium(R) Compiler for Itanium(R)-based app., Version 9.1, - Build 20060928 Package ID: W_CC_C_9.1.032 Microsoft Platform SDK February 2003
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
Portability flags:
 175.vpr:     -DSPEC_CPU2000_P64
 176.gcc:     -Dalloca=_alloca /F60000000
 181.mcf:     -DSPEC_CPU2000_P64
 186.crafty:  -DNT_i386
 252.eon:     -DSPEC_CPU2000_P64
 253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL -DSPEC_CPU2000_P64
              -DHAS_LONG_LONG -DUSE_LONG_LONG
 254.gap:     -DSPEC_CPU2000 -DSPEC_CPU2000_P64
 255.vortex:  -DSPEC_CPU2000_P64

Feedback optimization:
  +FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

Baseline Tuning Flags:
 for C programs:
 /fast /Qauto-ilp32 +FDO
 for C++ program 252.eon:
 /fast /Qcxx_features +FDO
```

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Notes/Tuning Information (Continued)

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Peak Tuning Flags:  basepeak=true


 Other Configuration Notes
   /NUMPROC=1 flag was added to the boot entry to invoke
   uniprocessor environment

For information about Bull please see:
http://www.bull.com
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