CINT2000 Result

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Bull

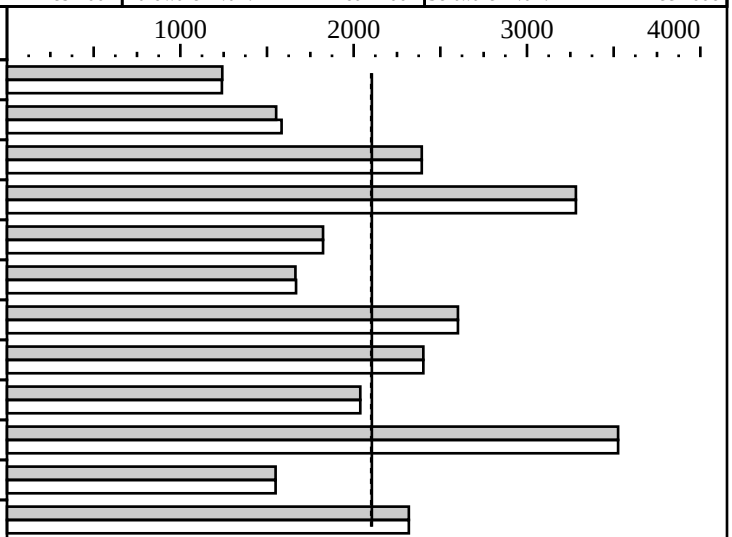
NovaScale B260 (Intel Xeon processor E5335, 2.00 GHz)

SPECint2000 = 2105

SPECint_base2000 = 2101

SPEC license #: 20 | Tested by: Bull | Test date: Feb-2007 | Hardware Avail: Jan-2007 | Software Avail: Dec-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	113	1242	113	1240
175.vpr	1400	90.2	1553	88.4	1584
176.gcc	1100	46.0	2393	46.0	2393
181.mcf	1800	54.8	3282	54.8	3282
186.crafty	1000	54.8	1823	54.8	1823
197.parser	1800	108	1664	108	1668
252.eon	1300	50.0	2602	50.0	2602
253.perlbmk	1800	74.9	2402	74.9	2402
254.gap	1100	54.0	2038	54.0	2038
255.vortex	1900	53.9	3526	53.9	3526
256.bzip2	1500	96.8	1550	96.8	1550
300.twolf	3000	129	2318	129	2318



Hardware

CPU:	Intel Xeon Processor E5335 (2.00 GHz, 8MB L2, 1333MHz bus)
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 4 cores/chip
CPU(s) orderable:	1 to 2 chips
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	8MB(I+D) on chip, per chip (4MB shared by 2 cores)
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8GB (2GB DIMMx4, FB-DIMM PC2-5300F ECC CL5)
Disk Subsystem:	1x73GB SAS 10000 rpm
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise Edition (32 bits), Service Pack1
Compiler:	Intel(R) C++ Compiler for 32-bit app., Version 9.1, - Build 20061103Z Package ID: W_CC_C_9.1.033 Microsoft Visual Studio .NET 2003 (for libraries) MicroQuill SmartHeap Library 8.0 (shlW32M.lib)
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
Portability flags:
 176.gcc:     -Dalloca=_alloca /F10000000
 186.crafty:  -DNT_i386
 253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap:     -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

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

Baseline Tuning Flags:
 for C programs:
 -fast +FDO ONESTEP=yes shlW32M.lib
 for C++ program 252.eon:
 -fast -Qcxx_features +FDO ONESTEP=yes

Peak Tuning Flags:
   164.gzip:     -fast +FDO ONESTEP=yes
   175.vpr:      -fast +FDO ONESTEP=yes
   176.gcc:      basepeak=yes
   181.mcf:      basepeak=yes
```

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Notes/Tuning Information (Continued)

```
   186.crafty:   basepeak=yes
   197.parser:   -fast +FDO ONESTEP=yes
   252.eon:      basepeak=yes
   253.perlbmk:  basepeak=yes
   254.gap:      -fast +FDO ONESTEP=yes
   255.vortex:   basepeak=yes
   256.bzip2:    basepeak=yes
   300.twolf:    basepeak=yes


 Other Configuration Notes
   /NUMPROC=1 flag was added to boot.ini to invoke
   uniprocessor environment


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