CINT2000 Result

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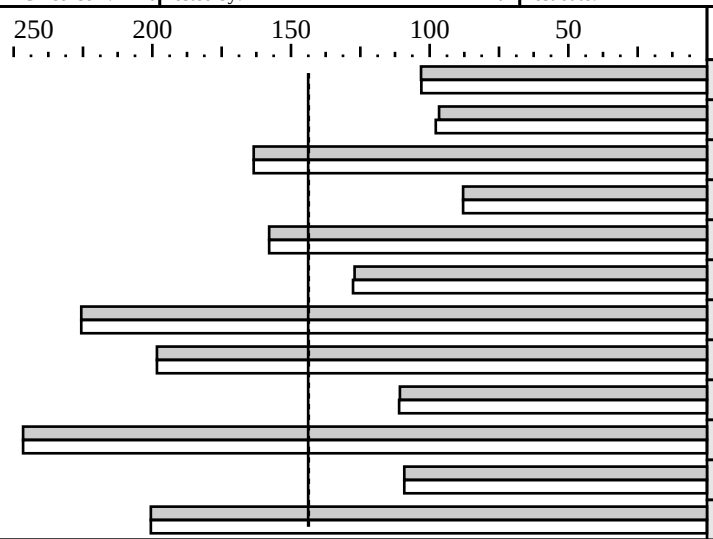
Bull

NovaScale B280 (Intel Xeon processor E5320, 1.86 GHz)

SPECint_rate2000 = 144

SPECint_rate_base2000 = 144

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	126	103	8	126	103
175.vpr	8	134	96.6	8	133	97.8
176.gcc	8	62.5	163	8	62.5	163
181.mcf	8	190	87.9	8	190	87.9
186.crafty	8	58.8	158	8	58.8	158
197.parser	8	131	127	8	131	128
252.eon	8	53.5	226	8	53.5	226
253.perlbmk	8	84.2	198	8	84.2	198
254.gap	8	92.2	111	8	92.0	111
255.vortex	8	71.5	247	8	71.5	247
256.bzip2	8	128	109	8	128	109
300.twolf	8	139	201	8	139	201

Hardware

CPU:	Intel Xeon Processor E5320 (1.86 GHz, 8MB L2, 1066MHz bus)
CPU MHz:	1860
FPU:	Integrated
CPU(s) enabled:	8 cores, 2 chips, 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 (1GB DIMMx8, 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


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