CINT2000 Result

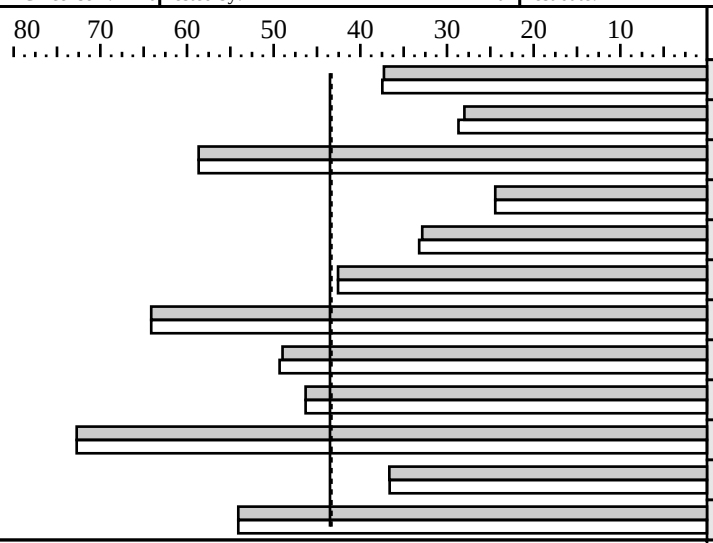
Copyright ©1999-2005, Standard Performance Evaluation Corporation

Bull
NovaScale Blade 2021 (3.8 GHz Xeon)

SPECint_rate2000 = 43.5

SPECint_rate_base2000 = 43.3

SPEC license #: 20 | Tested by: Bull | Test date: May-2006 | Hardware Avail: Dec-2005 | Software Avail: Jun-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	174	37.3	4	173	37.5
175.vpr	4	232	28.0	4	227	28.7
176.gcc	4	87.0	58.7	4	87.0	58.7
181.mcf	4	342	24.4	4	342	24.4
186.crafty	4	141	32.9	4	140	33.2
197.parser	4	196	42.6	4	196	42.6
252.eon	4	94.1	64.1	4	94.1	64.1
253.perlbmk	4	171	49.0	4	169	49.3
254.gap	4	110	46.3	4	110	46.3
255.vortex	4	121	72.7	4	121	72.7
256.bzip2	4	190	36.7	4	190	36.6
300.twolf	4	257	54.1	4	257	54.1

Hardware

CPU:	Intel Xeon Processor (3.8GHz Xeon, 2MB L2, 800MHz bus)
CPU MHz:	3800
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1 to 2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8GB (2GB DIMMx4, 2-way interleaved DDR2-400, PC2-3200 CL3)
Disk Subsystem:	2x73GB SCSI 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 20060323Z Package ID: W_CC_P_9.1.022 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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
186.crafty:   -fast -Oa +FDO ONESTEP=yes shlW32M.lib
197.parser:   basepeak=yes
252.eon:      basepeak=yes
253.perlbmk:  -fast -Oa +FDO ONESTEP=yes shlW32M.lib
254.gap:      basepeak=yes
255.vortex:   basepeak=yes
256.bzip2:    -fast -Oa -Qunroll1 +FDO ONESTEP=yes shlW32M.lib
300.twolf:    basepeak=yes


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