CINT2000 Result

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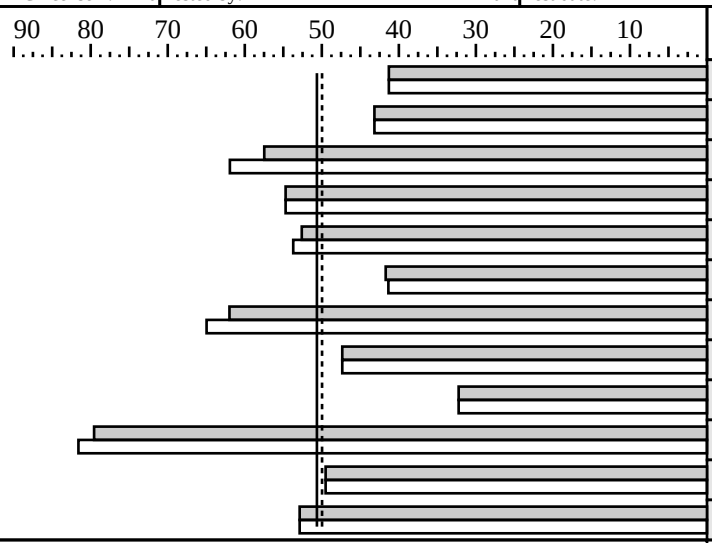
Bull
NovaScale 4040 (1500MHz)

SPECint_rate2000 = 50.6

SPECint_rate_base2000 = 50.0

SPEC license #: 20 | Tested by: Tilmant | Test date: Jun-2003 | Hardware Avail: Sep-2003 | Software Avail: Sep-2003



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	157	41.3	4	157	41.3
175.vpr	4	150	43.2	4	150	43.2
176.gcc	4	88.8	57.5	4	82.4	61.9
181.mcf	4	153	54.7	4	153	54.7
186.crafty	4	88.2	52.6	4	86.4	53.7
197.parser	4	200	41.7	4	202	41.4
252.eon	4	97.3	62.0	4	92.9	65.0
253.perlbmk	4	176	47.3	4	176	47.3
254.gap	4	158	32.2	4	158	32.2
255.vortex	4	111	79.6	4	108	81.6
256.bzip2	4	141	49.5	4	141	49.5
300.twolf	4	263	52.9	4	263	52.9

Hardware

CPU:	Itanium 2 processor 1500 MHz
CPU MHz:	1500
FPU:	Integrated
CPU(s) enabled:	4 cores, 4 chips, 1 core/chip
CPU(s) orderable:	1 to 4
Parallel:	No
Primary Cache:	16KBI + 16KBD on chip
Secondary Cache:	256KB(I+D) on chip
L3 Cache:	6MB (I+D) off chip
Other Cache:	N/A
Memory:	4 GB (16 * 512 MB DIMMs)
Disk Subsystem:	1 Maxtor 10krpm 36GB SCSI
Other Hardware:	

Software

Operating System:	Microsoft Enterprise Server 2003
Compiler:	Intel C/C++ Compiler 7.1 for Windows Build 20030528 (W_CC_PU_7.1.013) Microsoft Platform SDK February 2003 (5.2.3790.0)
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=/Qprof_gen  PASS2=/Qprof_use
Base tuning:
C programs:   /Qipo +FDO /O3
C++ programs: /Qipo +FDO -GX -GR

Portability
  175.vpr:     -DSPEC_CPU2000_P64
  176.gcc:     -Dalloca=_alloca /F10000000
  181.mcf:     -DSPEC_CPU2000_P64
  186.crafty:  -DNT_i386
  252.eon:     -DSPEC_CPU2000_P64
  253.perlbmk: -DSPEC_CPU2000_NTOS  -DPERLDLL -DSPEC_CPU2000_P64
  253.perlbmk: -DHAS_LONG_LONG -DUSE_LONG_LONG
  254.gap:     -DSPEC_CPU2000 -DSPEC_CPU2000_P64
  255.vortex:  -DSPEC_CPU2000_P64 -D_WIN32
164.gzip: basepeak=yes
175.vpr: basepeak=yes
176.gcc: +FDO /Qipo /O2 /QIPF_fma /QIPF_fltacc
181.mcf: basepeak=yes
186.crafty: +FDO /Qipo /O2
```

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Notes/Tuning Information (Continued)

```
197.parser: +FDO /Qipo /O2
252.eon: +FDO /Qipo /O2 /QIPF_fma /QIPF_fltacc /QIPF_flt_eval_method0  -Qftz /Qansi_alias
253.perlbmk: basepeak=yes
254.gap: basepeak=yes
255.vortex: +FDO /Qipo  /O2 /QIPF_fma /QIPF_fltacc
256.bzip2: basepeak=yes
300.twolf: basepeak=yes
```