CINT2000 Result

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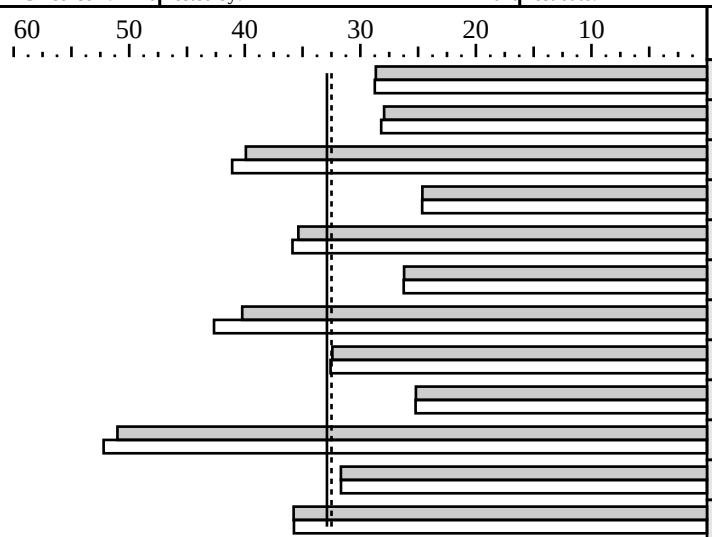
Bull
NovaScale 4040

SPECint_rate2000 = 32.9

SPECint_rate_base2000 = 32.5

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	227	28.7	4	226	28.7
175.vpr	4	232	27.9	4	230	28.2
176.gcc	4	128	39.9	4	124	41.1
181.mcf	4	339	24.6	4	339	24.6
186.crafty	4	131	35.4	4	129	35.9
197.parser	4	319	26.2	4	318	26.2
252.eon	4	150	40.2	4	141	42.7
253.perlbmk	4	258	32.4	4	256	32.6
254.gap	4	203	25.2	4	202	25.2
255.vortex	4	173	51.0	4	169	52.2
256.bzip2	4	220	31.7	4	220	31.7
300.twolf	4	389	35.8	4	389	35.7

Hardware

CPU:	Itanium 2 processor 1000 MHz
CPU MHz:	1000
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:	3MB (I+D) off chip
Other Cache:	N/A
Memory:	4 GB (16 * 512 MB DIMMs)
Disk Subsystem:	1 SCSI Maxtor 10krpm
Other Hardware:	

Software

Operating System:	Microsoft Windows.Net Enterprise Server 2003 RC2, Build 3718
Compiler:	Intel C/C++ and Fortran Compilers 7.0 for Windows Build 20030213 (Package ID: W_CC_PU_7.0.094) Microsoft Platform SDK October 2002(5.2.3718.1)
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: +FDO /Qipo /O3 /QIPF_fma /QIPF_fltacc /QIPF_flt_eval_method0  -Qftz /Qansi_alias
175.vpr: +FDO /Qipo /O3
176.gcc: +FDO /Qipo /O2 /QIPF_fma /QIPF_fltacc
181.mcf: +FDO /Qipo /O3 /QIPF_fma /QIPF_fltacc
186.crafty: +FDO /Qipo /O2
```

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Notes/Tuning Information (Continued)

```
197.parser: +FDO /Qipo /O3 /QIPF_fma /QIPF_fltacc /QIPF_flt_eval_method0  -Qftz /Qansi_alias
252.eon: +FDO /Qipo /O2 /QIPF_fma /QIPF_fltacc /QIPF_flt_eval_method0  -Qftz /Qansi_alias
253.perlbmk: +FDO /Qipo /O3 /QIPF_fma /QIPF_fltacc /QIPF_flt_eval_method0  -Qftz /Qansi_alias
254.gap: +FDO /Qipo /O3 /QIPF_fma /QIPF_fltacc /QIPF_flt_eval_method0  -Qftz /Qansi_alias
255.vortex: +FDO /Qipo /QIPF_fma /QIPF_fltacc
256.bzip2: +FDO /Qipo /O3
300.twolf: +FDO /Qipo /O3
```