CINT2000 Result

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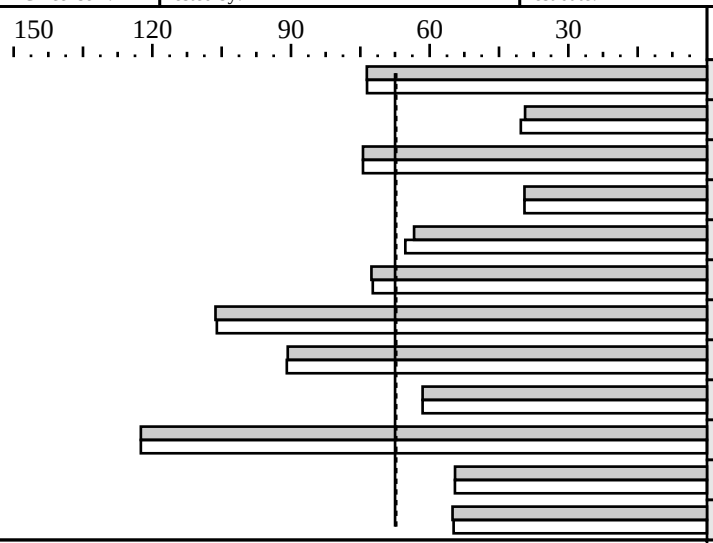
IBM Corporation
IBM x366 (3.667GHz, Intel Xeon)

SPECint_rate2000 = 67.5

SPECint_rate_base2000 = 67.2

SPEC license #: 11 | Tested by: IBM | Test date: Mar-2005 | Hardware Avail: Mar-2005 | Software Avail: Feb-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	177	73.6	8	177	73.6
175.vpr	8	330	39.4	8	323	40.3
176.gcc	8	137	74.4	8	137	74.4
181.mcf	8	423	39.5	8	423	39.5
186.crafty	8	146	63.4	8	142	65.3
197.parser	8	230	72.6	8	231	72.3
252.eon	8	113	106	8	114	106
253.perlbmk	8	184	90.7	8	184	90.9
254.gap	8	166	61.5	8	166	61.5
255.vortex	8	144	122	8	144	122
256.bzip2	8	255	54.5	8	255	54.5
300.twolf	8	506	55.1	8	508	54.8

Hardware

CPU:	Intel Xeon (3.667GHz, 1MB L2, 667MHz bus)
CPU MHz:	3667
FPU:	Integrated
CPU(s) enabled:	4 cores, 4 chips, 1 core/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2,4
Parallel:	No
Primary Cache:	12K micro-ops I + 16KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	--
Other Cache:	N/A
Memory:	16x2048MB DDR2-400
Disk Subsystem:	1x36.4GB 10K SAS
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard Edition(Build 3790)
Compiler:	Intel C++ Compiler 8.1 Build 20050201Z Microsoft Visual Studio .NET 13.0.9466 (for libraries) MicroQuill Smartheap Library 7.30
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO:  PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -fast +FDO shlW32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -DNT_i386
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip:     -fast -QxP -Qansi_alias -Oa  +FDO
175.vpr:      -fast -QxP -Qansi_alias      +FDO
176.gcc:      basepeak=yes
181.mcf:      basepeak=yes
186.crafty:   -fast -QxP -Qansi_alias -Oa  +FDO
197.parser:   -fast -QxP -Qansi_alias      +FDO
252.eon:      -fast -QxP              +FDO
253.perlbmk:  -fast -QxP -Qansi_alias      +FDO shlW32M.lib
254.gap:      basepeak=yes
255.vortex    basepeak=yes
256.bzip2:   -fast -QxP -Oa -Qunroll1      +FDO
```

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Notes/Tuning Information (Continued)

```
300.twolf:    -fast -QxP -O3                  +FDO shlW32M.lib
```