CINT2000 Result

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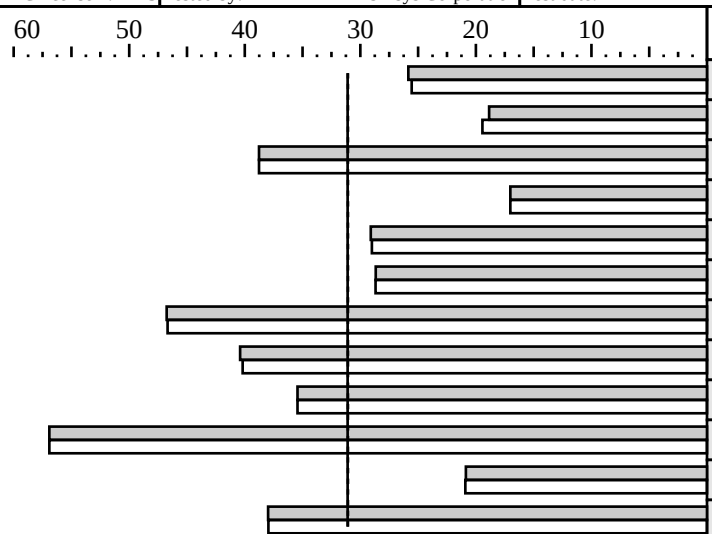
Unisys Corporation
ES3120L (3.4 GHz Xeon)

SPECint_rate2000 = 31.1

SPECint_rate_base2000 = 31.1

SPEC license #: 15 | Tested by: Unisys Corporation | Test date: Nov-2004 | Hardware Avail: Sep-2004 | Software Avail: Aug-2004



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	126	25.8	2	127	25.6
175.vpr	2	172	18.9	2	167	19.4
176.gcc	2	65.8	38.8	2	65.8	38.8
181.mcf	2	245	17.0	2	245	17.0
186.crafty	2	79.7	29.1	2	80.0	29.0
197.parser	2	146	28.7	2	146	28.7
252.eon	2	64.5	46.8	2	64.6	46.7
253.perlbmk	2	103	40.4	2	104	40.2
254.gap	2	72.0	35.4	2	72.0	35.4
255.vortex	2	77.5	56.9	2	77.5	56.9
256.bzip2	2	167	20.9	2	166	20.9
300.twolf	2	183	38.0	2	183	38.0

Hardware

CPU:	Intel Xeon (800 MHz bus)
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip(HT Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2x1024MB DDR400
Disk Subsystem:	1X36GB SCSI DISK(15K rpm)
Other Hardware:	

Software

Operating System:	MS Windows 2003 Server Standard Edition Build 3790
Compiler:	Intel C++ Compiler 8.1 Build 20040802Z Microsoft .Net Visual Studio build 7.0.9466 SmartHeap Library Version 7.1
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 -Qansi_alias -Oa  +FDO
175.vpr:      -fast -Qansi_alias +FDO
176.gcc:      basepeak=yes
181.mcf:      basepeak=yes
186.crafty:   -fast -Qansi_alias -Oa +FDO
197.parser:   -fast -Qansi_alias  +FDO
252.eon:      -fast +FDO
253.perlbmk:  -fast -Qansi_alias +FDO shlW32M.lib
254.gap:      basepeak=yes
255.vortex    basepeak=yes
256.bzip2:   -fast -Oa -Qunroll1 +FDO
```

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Notes/Tuning Information (Continued)

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