CINT2000 Result

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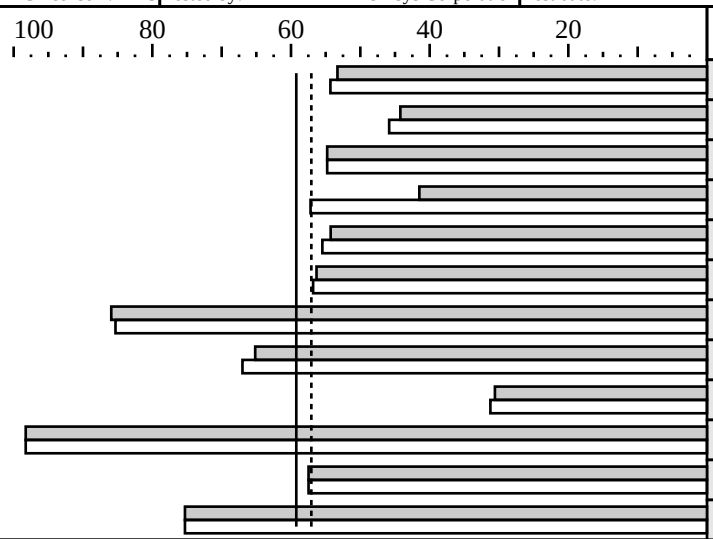
Unisys Corporation
ES3040 (3.0 GHz Xeon MP)

SPECint_rate2000 = 59.2

SPECint_rate_base2000 = 57.1

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	122	53.3	4	120	54.3
175.vpr	4	147	44.2	4	142	45.8
176.gcc	4	93.2	54.8	4	93.2	54.8
181.mcf	4	201	41.5	4	146	57.2
186.crafty	4	85.5	54.3	4	83.6	55.5
197.parser	4	148	56.3	4	147	56.8
252.eon	4	70.2	85.9	4	70.7	85.3
253.perlbmk	4	128	65.2	4	125	67.0
254.gap	4	167	30.6	4	163	31.2
255.vortex	4	89.7	98.3	4	89.7	98.3
256.bzip2	4	121	57.5	4	121	57.5
300.twolf	4	185	75.3	4	185	75.3

Hardware

CPU:	Intel Xeon MP (400 MHz bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	4 cores, 4 chips, 1 core/chip(HT technology disabled)
CPU(s) orderable:	1,2,4
Parallel:	No
Primary Cache:	12K(I) micro-ops + 8KB(D) on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	4096KB(I+D) on chip
Other Cache:	N/A
Memory:	16x256MB DDR200
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:   -Qipo -QxN +FDO shlW32M.lib
Base tuning for C++ programs: -Qipo -QxN -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:     -O3 -Qipo -QxN -Qansi_alias -Oa  +FDO
175.vpr:      -O3 -Qipo -QxN -Qansi_alias +FDO
176.gcc:      basepeak=yes
181.mcf:      -O3 -Qipo -QxN -Qansi_alias +FDO
186.crafty:   -O3 -Qipo -QxN -Qansi_alias -Oa +FDO
197.parser:   -O3 -Qipo -QxN -Qansi_alias  +FDO
252.eon:      -O3 -Qipo -QxN +FDO
253.perlbmk:  -O3 -Qipo -QxN -Qansi_alias +FDO shlW32M.lib
254.gap:      -O3 -Qipo -QxN -Qunroll1 -Zp8 +FDO
255.vortex    basepeak=yes
256.bzip2:   basepeak=yes
```

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Notes/Tuning Information (Continued)

300.twolf: basepeak=yes