CINT2000 Result

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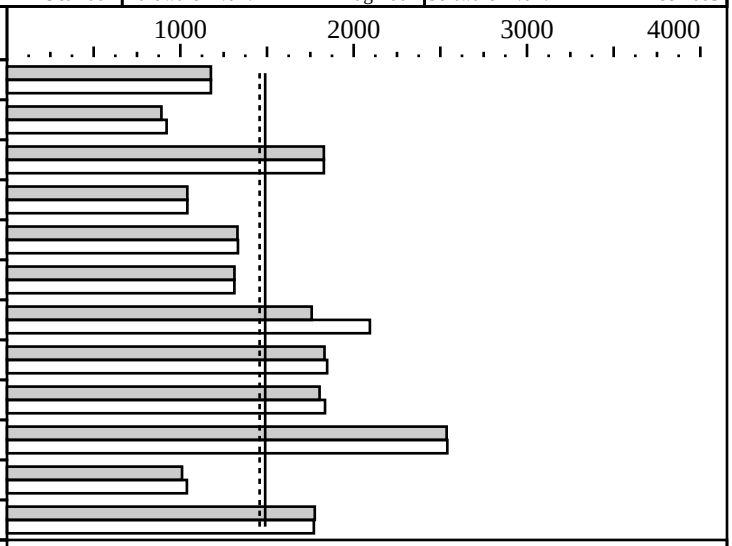
SuperMicro X6DH8-G (3.6GHz, Intel Xeon)

SPECint2000 = 1490

SPECint_base2000 = 1457

SPEC license #01176 | Tested by: SuperMicro Inc., San Jose, CA | Test date: Oct-2004 | Hardware Avail: Aug-2004 | Software Avail: Dec-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	119	1176	119	1176
175.vpr	1400	157	891	152	921
176.gcc	1100	60.2	1828	60.2	1828
181.mcf	1800	173	1040	173	1041
186.crafty	1000	75.2	1330	75.0	1332
197.parser	1800	137	1312	137	1312
252.eon	1300	74.0	1758	62.1	2094
253.perlbmk	1800	98.3	1832	97.5	1847
254.gap	1100	61.0	1803	60.0	1835
255.vortex	1900	74.9	2537	74.8	2540
256.bzip2	1500	149	1010	145	1038
300.twolf	3000	169	1776	169	1770



Hardware

CPU:	Intel Xeon (3.6GHz, 1MB L2, 800MHz bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (HT Technology Enabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K micro-ops I + 16KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	6x1GB DDR-333
Disk Subsystem:	1x36GB SCSI H.D.
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard (Build 3790)
Compiler:	Intel C++ Compiler 8.0 Build 20031211Z Microsoft Visual Studio .NET 7.0.9466 (for libraries) MicroQuill Smartheap Library 7.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -QxP -fast +FDO  shlw32M.lib
Base tuning for C++ programs: -QxP -fast -GX -GR
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:       -QxP -fast -Oa +FDO ONESTEP=yes
  175.vpr:       -QxP -fast +FDO ONESTEP=yes
  176.gcc:        basepeak = 1
  181.mcf:       -QxP -fast +FDO shlw32M.lib ONESTEP=yes
  186.crafty:     -QxP -fast -Oa +FDO shlw32M.lib ONESTEP=yes
  197.parser:     -QxP -fast +FDO ONESTEP=yes
  252.eon:      -QxP -O2 -Qipo  +FDO ONESTEP=yes
  253.perlbmk:    -fast -Oa +FDO shlw32M.lib ONESTEP=yes
  254.gap:      -QxP -fast +FDO ONESTEP=yes
  255.vortex:     -QxP -fast +FDO shlw32M.lib ONESTEP=yes
  256.bzip2:      -fast -Oa -Qunroll1 +FDO ONESTEP=yes
```

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Notes/Tuning Information (Continued)

300.twolf: -QxP -fast -O3 +FDO shlw32M.lib