CINT2000 Result

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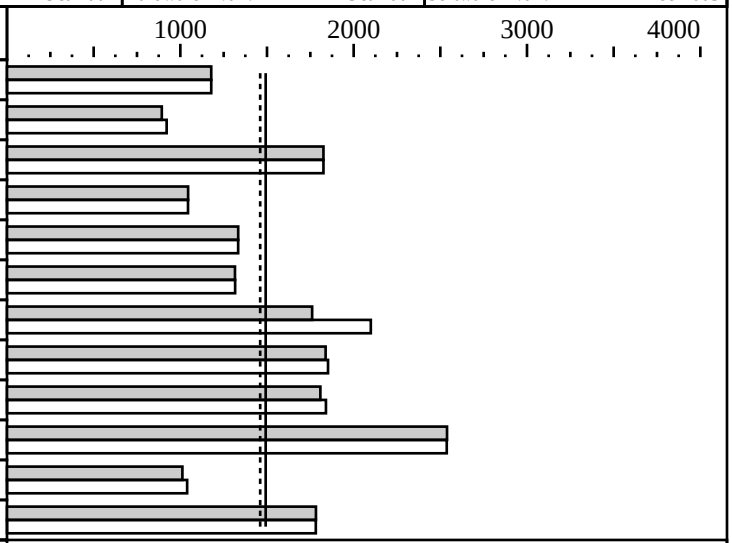
SuperMicro
X6DHR-TG (3.6GHz, Intel Xeon)

SPECint2000 = 1492

SPECint_base2000 = 1461

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	119	1178	119	1178
175.vpr	1400	157	893	152	921
176.gcc	1100	60.3	1826	60.3	1826
181.mcf	1800	172	1045	172	1044
186.crafty	1000	75.0	1334	75.0	1334
197.parser	1800	137	1315	137	1316
252.eon	1300	73.8	1760	61.9	2099
253.perlbmk	1800	97.9	1838	97.2	1852
254.gap	1100	60.8	1808	59.8	1840
255.vortex	1900	74.8	2539	74.9	2537
256.bzip2	1500	148	1012	144	1039
300.twolf	3000	168	1782	168	1782



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:	8x1GB DDR-333
Disk Subsystem:	1x40GB
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
```