CINT2000 Result

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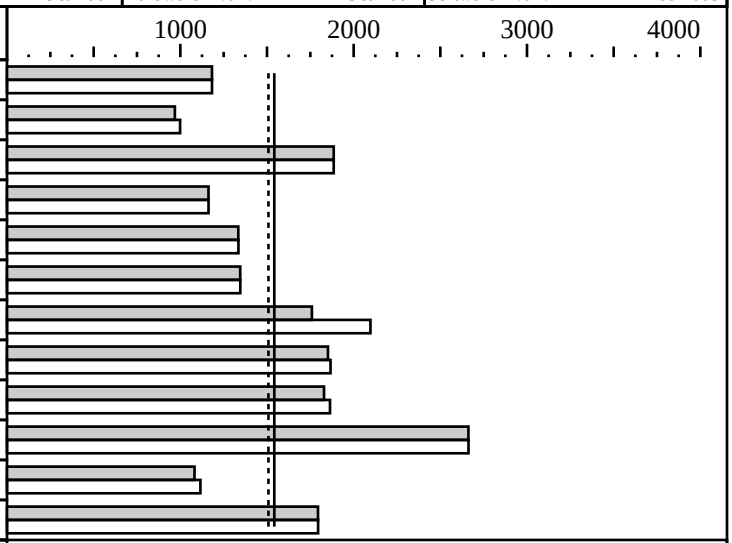
SuperMicro
X6DHP-8G2 (3.6GHz, Intel Xeon)

SPECint2000 = 1542

SPECint_base2000 = 1508

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	118	1183	118	1183
175.vpr	1400	145	969	140	999
176.gcc	1100	58.4	1885	58.4	1885
181.mcf	1800	155	1162	155	1163
186.crafty	1000	74.9	1334	74.9	1335
197.parser	1800	134	1345	134	1346
252.eon	1300	73.9	1759	62.0	2097
253.perlbmk	1800	97.2	1852	96.4	1866
254.gap	1100	60.1	1829	59.0	1863
255.vortex	1900	71.4	2662	71.4	2663
256.bzip2	1500	139	1082	134	1116
300.twolf	3000	167	1794	167	1795



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, PC2-3200, CL3
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
```