CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

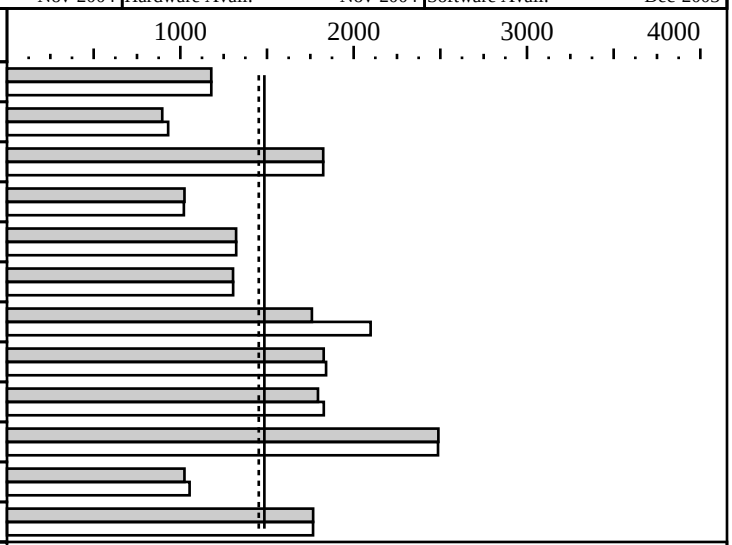
SuperMicro
X6DHT-G (3.6GHz, Intel Xeon)

SPECint2000 = 1485

SPECint_base2000 = 1452

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	119	1178	119	1179
175.vpr	1400	156	896	151	930
176.gcc	1100	60.3	1824	60.3	1824
181.mcf	1800	176	1024	176	1020
186.crafty	1000	75.7	1322	75.6	1322
197.parser	1800	138	1304	138	1305
252.eon	1300	73.9	1759	62.0	2098
253.perlbmk	1800	98.5	1827	97.8	1841
254.gap	1100	61.3	1794	60.2	1828
255.vortex	1900	76.3	2489	76.4	2487
256.bzip2	1500	147	1024	142	1053
300.twolf	3000	170	1766	170	1766



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:	1x250GB
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
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

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