CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Supermicro

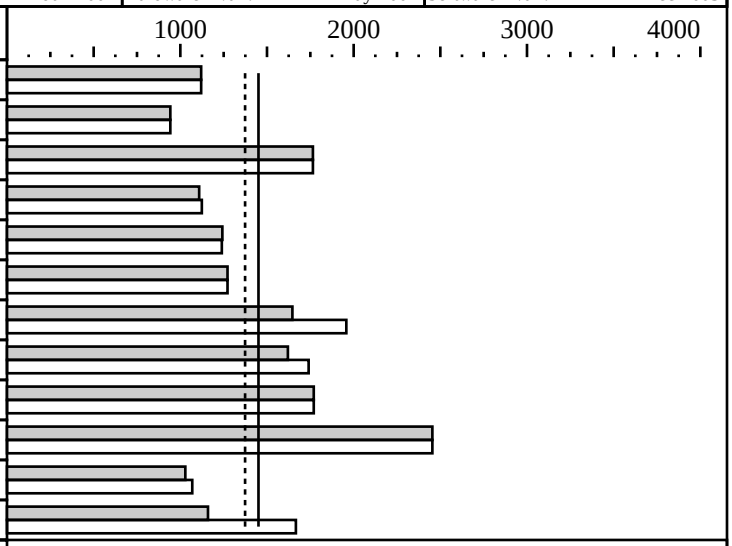
X6DA8-G2 (3.40 GHz Xeon, 1MB L3 Cache)

SPECint2000 = 1451

SPECint_base2000 = 1374

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	125	1120	125	1120
175.vpr	1400	149	942	149	942
176.gcc	1100	62.3	1765	62.3	1765
181.mcf	1800	162	1109	160	1124
186.crafty	1000	80.5	1242	80.7	1239
197.parser	1800	141	1272	141	1272
252.eon	1300	79.0	1647	66.4	1958
253.perlbmk	1800	111	1620	103	1740
254.gap	1100	62.2	1770	62.2	1770
255.vortex	1900	77.4	2454	77.4	2454
256.bzip2	1500	146	1029	140	1069
300.twolf	3000	259	1160	180	1667



Hardware

CPU:	Intel Xeon (3.4GHz 800 MHz system bus)
CPU MHz:	3400
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(I) micro-ops + 8KB(D) on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	1024KB(I+D) on chip
Other Cache:	N/A
Memory:	2 x 256MB ECC CL4 PC2 3200 DDRII SDRAM
Disk Subsystem:	1 x 73GB U320 SCSI, 10K RPM
Other Hardware:	

Software

Operating System:	Windows 2003 Enterprise Server
Compiler:	Intel C/C++ Compiler 8.0 (20031229Z) Microsoft Visual Studio .NET (7.0.9466)
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
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
FEEDBACK DIRECTED OPTIMIZATION
  ONESTEP=yes
  FDO:         PASS1=-Qprof_gen  PASS2=-Qprof_use
BASE TUNING
  C:           -QxN -Qipo -O3     +FDO
  C++:         -QxN -Qipo              -GX -GR
PEAK TUNING
  164.gzip:    -QxN -Qipo -O3 -Oa +FDO
  175.vpr:     basepeak=yes
  176.gcc:     basepeak=yes
  181.mcf:     -QxN -Qipo -O3     +FDO shlW32M.lib
  186.crafty:  -QxN -Qipo -O3 -Oa +FDO shlW32M.lib
  197.parser:  basepeak=yes
  252.eon:     -QxN -Qipo -O3     +FDO
  253.perlbmk: -QxN -Qipo -O3     +FDO shlW32M.lib
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
  254.gap:     basepeak=yes
  255.vortex   basepeak=yes
  256.bzip2:        -Qipo     -Oa -Qunroll1 +FDO shlW32M.lib
  300.twolf:   -QxN -Qipo -O3     +FDO shlW32M.lib
EXTRA LIBRARIES
  shlW32M.lib: MicroQuill SmartHeap Library 7.1
               www.microquill.com
```