CINT2000 Result

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Supermicro

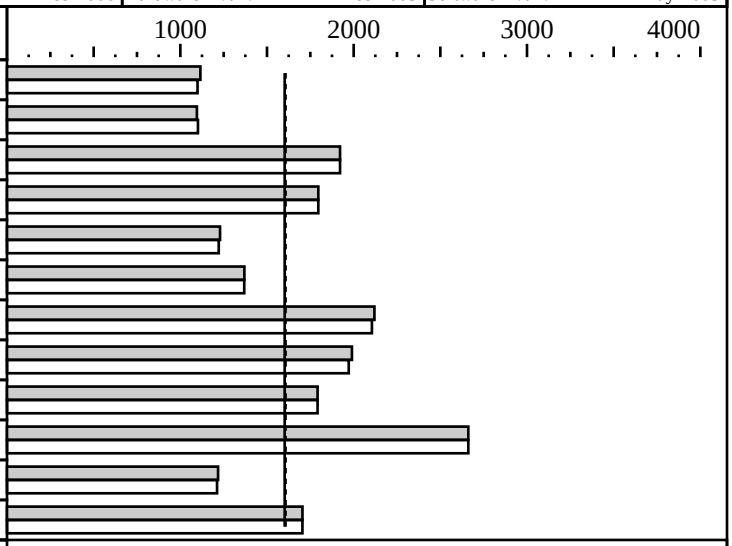
Motherboard X6DH8-G2 (Intel Xeon 3.4GHz, 2M L2 Cache, FSB 800MHz)

SPECint2000 = 1602

SPECint_base2000 = 1607

SPEC license #01176 | Tested by: Supermicro | Test date: Feb-2006 | Hardware Avail: Feb-2005 | Software Avail: May-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	125	1116	127	1099
175.vpr	1400	128	1096	127	1102
176.gcc	1100	57.3	1921	57.3	1921
181.mcf	1800	100	1796	100	1796
186.crafty	1000	81.4	1229	81.9	1222
197.parser	1800	131	1369	132	1369
252.eon	1300	61.3	2120	61.8	2105
253.perlbmk	1800	90.5	1990	91.3	1972
254.gap	1100	61.4	1792	61.4	1792
255.vortex	1900	71.4	2661	71.4	2661
256.bzip2	1500	123	1218	124	1212
300.twolf	3000	176	1705	176	1704



Hardware

CPU:	Intel Xeon 3.4GHz, 2M L2 Cache, FSB 800MHz
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology Disabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip
Secondary Cache:	2MB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 X 2GB Hynix DDR2-400, Registered, ECC, Single Rank, CL3
Disk Subsystem:	1 X IDE Seagate Barracuda 7200.7 80GB ATA100, 7200 RPM
Other Hardware:	N/A

Software

Operating System:	Windows Enterprise Edition W/ SP1
Compiler:	Intel C++ Compiler 9.0 for 32-bit applications Build 20050430Z (32-bit) Microsoft Visual Studio .Net 2003(for libraries) SmartHeap Library Version 7.4 from http://www.microquill.com/
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -fast +FDO shlW32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlW32M.lib
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:     -fast -Qansi_alias -Oa  +FDO
175.vpr:      -fast -Qansi_alias +FDO
176.gcc:      basepeak=yes
181.mcf:      basepeak=yes
186.crafty:   -fast -Qansi_alias -Oa +FDO
197.parser:   -fast -Qansi_alias  +FDO
252.eon:      -fast +FDO
253.perlbmk:  -fast -Qansi_alias +FDO shlW32M.lib
254.gap:      basepeak=yes
255.vortex    basepeak=yes
256.bzip2:   -fast -Oa -Qunroll1 +FDO
```

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Notes/Tuning Information (Continued)

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300.twolf:    -fast -O3 +FDO shlW32M.lib
The system bus runs at 800 MHz
Tested system was built with SC743S1-R760 Chassis.
Product description located as of:
http://www.supermicro.com/products/motherboard/Xeon800/E7520/X6DH8-G2.cfm
```