CINT2000 Result

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Supermicro

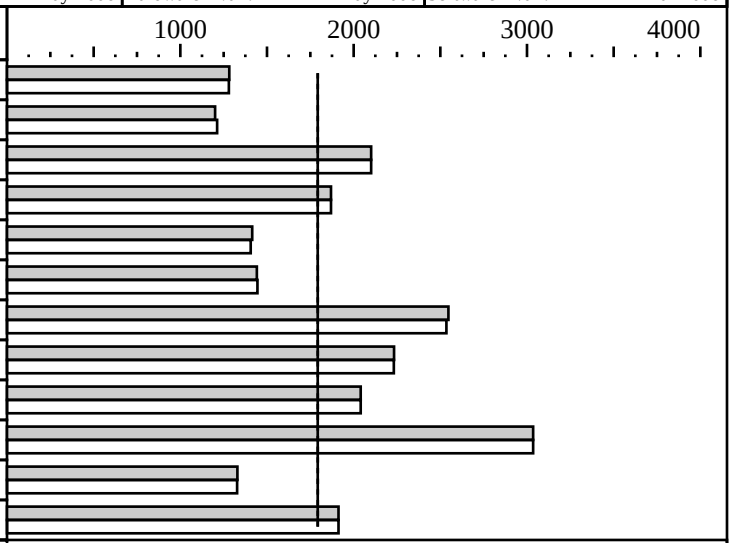
Motherboard X7DA8 (3.73GHz, Intel Dual-Core Xeon processor 5080)

SPECint2000 = 1793

SPECint_base2000 = 1793

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	109	1282	109	1280
175.vpr	1400	117	1201	115	1212
176.gcc	1100	52.4	2101	52.4	2101
181.mcf	1800	96.3	1869	96.3	1869
186.crafty	1000	70.7	1415	71.1	1406
197.parser	1800	125	1441	125	1445
252.eon	1300	51.0	2547	51.3	2535
253.perlbmk	1800	80.6	2233	80.7	2232
254.gap	1100	53.9	2041	53.9	2041
255.vortex	1900	62.6	3035	62.6	3035
256.bzip2	1500	113	1329	113	1328
300.twolf	3000	157	1913	157	1913



Hardware

CPU:	Intel Dual-Core Xeon processor 5080 (3.73 GHz, 1066 MHz bus)
CPU MHz:	3730
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1, 2
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD (on chip) per core
Secondary Cache:	2MB(I+D) (on chip) per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 X 512MB 667MHz CL5 DDR2 FB-DIMM
Disk Subsystem:	WD 2500 250GB
Other Hardware:	N/A

Software

Operating System:	Windows XP Professional w/ SP2
Compiler:	Intel C++ Compiler 9.1 for 32-bit applications Build 20060323Z Package ID: W_CC_P_9.1.020 Microsoft Visual Studio 2005(for libraries) SmartHeap Library Version 8.0 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
252.eon:     -DHAS_ERRLIST
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
```

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Notes/Tuning Information (Continued)

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256.bzip2:   -fast -Oa -Qunroll1 +FDO
300.twolf:    -fast -O3 +FDO shlW32M.lib
Tested systems can be used with SC825S2-R700LPV case,
To ensure system stability, a 500W (minimum) ATX power supply
[4-pin (+12V), 8-pin (+12V) and 24-pin are required]
Product description located as of X7DA8:
http://www.supermicro.com/products/motherboard/Xeon1333/5000X/X7DA8.cfm
The system bus runs at 1333 MHz
```