CINT2000 Result

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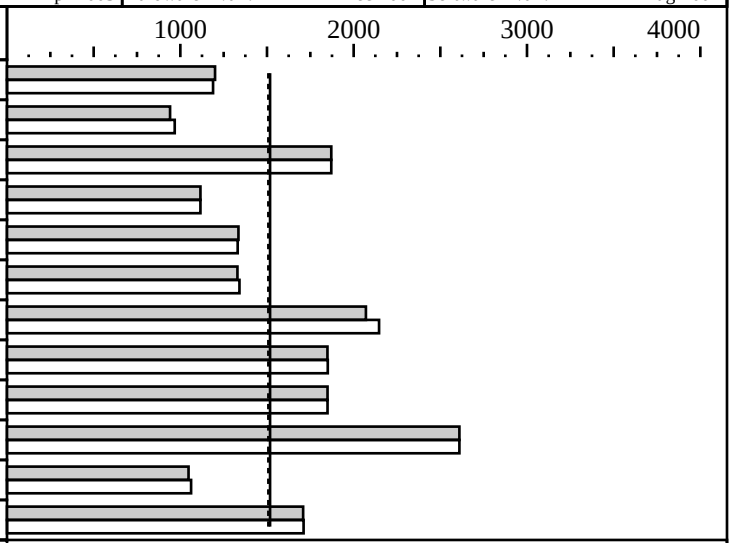
SuperMicro
X6DVL-EG2 (3.6GHz, Intel Xeon)

SPECint2000 = 1518

SPECint_base2000 = 1508

SPEC license #01176 | Tested by: Supermicro | Test date: Apr-2005 | Hardware Avail: Dec-2004 | Software Avail: Aug-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	117	1200	118	1189
175.vpr	1400	149	941	145	968
176.gcc	1100	58.8	1871	58.8	1871
181.mcf	1800	161	1116	161	1116
186.crafty	1000	74.9	1335	75.1	1331
197.parser	1800	135	1329	134	1341
252.eon	1300	62.8	2071	60.6	2147
253.perlbmk	1800	97.4	1849	97.3	1851
254.gap	1100	59.5	1849	59.5	1849
255.vortex	1900	72.8	2610	72.8	2610
256.bzip2	1500	143	1047	141	1062
300.twolf	3000	176	1708	175	1711



Hardware

CPU:	Intel Xeon processor (3.6 GHz, 800 MHz System bus)
CPU MHz:	3600
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:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x1GB DDR2-400 REG ECC CL3
Disk Subsystem:	1x40GB IDE
Other Hardware:	

Software

Operating System:	Windows Server 2003 EE
Compiler:	Intel C++ Compiler 8.1 Build 20040802Z Microsoft Visual Studio .Net 2003(for libraries) SmartHeap Library Version 6.0 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
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -DNT_i386
252.eon:   Approved stdcpp src.alt used
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)

256.bzip2: -fast -Oa -Qunroll1 +FDO
300.twolf: -fast -O3 +FDO shlW32M.lib
Tested system can be used with a 420W (minimum) ATX power supply [8-pin (+12V) and 24-pin are required]
The system bus runs at 800 MHz