CINT2000 Result

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Supermicro

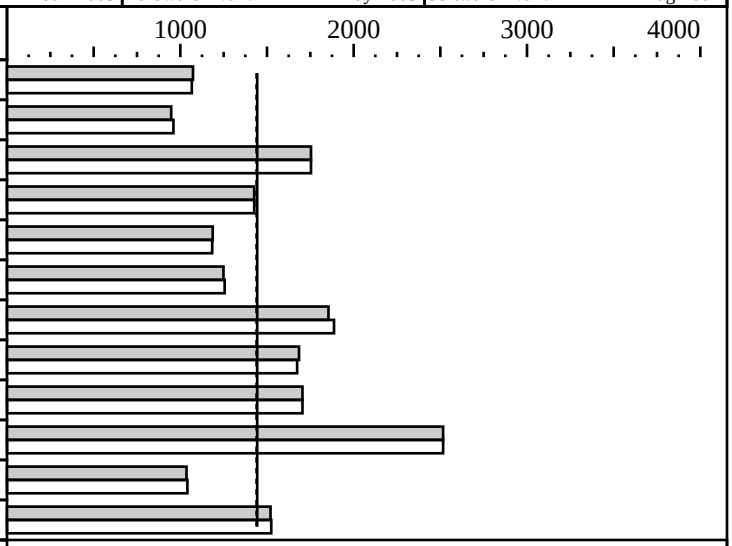
PDSGE/4 Motherboard(Intel Pentium Extreme Edition 3.2GHz)

SPECint2000 = 1443

SPECint_base2000 = 1440

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	130	1073	131	1066
175.vpr	1400	148	947	146	960
176.gcc	1100	62.7	1754	62.7	1754
181.mcf	1800	126	1426	126	1426
186.crafty	1000	84.3	1187	84.5	1184
197.parser	1800	144	1249	143	1256
252.eon	1300	70.1	1855	68.9	1887
253.perlbmk	1800	107	1685	108	1674
254.gap	1100	64.5	1705	64.5	1705
255.vortex	1900	75.5	2516	75.5	2516
256.bzip2	1500	145	1035	144	1041
300.twolf	3000	197	1520	197	1525



Hardware

CPU:	Intel Pentium Extreme Edition 3.2GHz
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/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:	4x512MB DDR2-667 ECC Unbuffered
Disk Subsystem:	1x400GB SATA
Other Hardware:	N/A

Software

Operating System:	Windows 2000 AS SP4
Compiler:	Intel C++ Compiler 8.1 Build 20040802Z Microsoft Visual Studio .Net 2002(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
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)

```
300.twolf:    -fast -O3 +FDO shlW32M.lib
Tested system was built with SC733T-645 chassis and
a 420W (minimum) ATX power supply [4-pin +12V AND (20 or 24-pin)] is required.
See: http://www.supermicro.com/products/motherboard/DualCore/955/PDSGE.cfm
The system bus runs at 800 MHz
```