CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

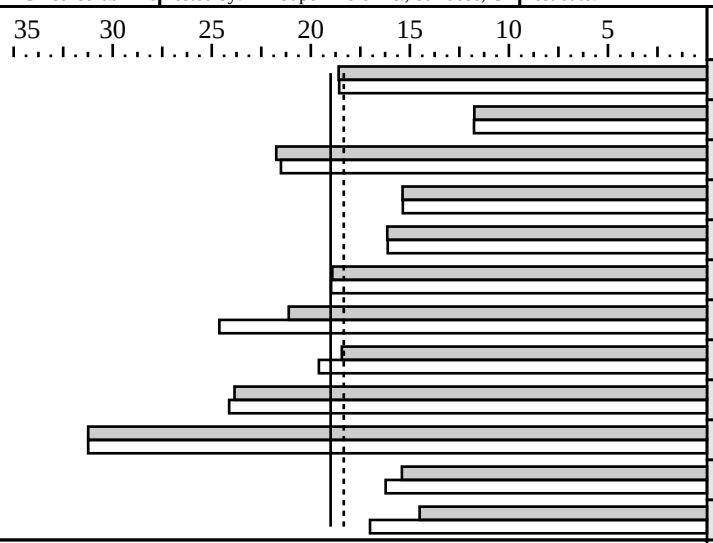
SuperMicro

P8SAA (3.6 GHz Pentium 4, 1MB L2 Cache)

SPECint_rate2000 = 19.0

SPECint_rate_base2000 = 18.3

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	175	18.6	2	175	18.6
175.vpr	2	277	11.7	2	276	11.8
176.gcc	2	117	21.7	2	119	21.5
181.mcf	2	272	15.4	2	272	15.4
186.crafty	2	144	16.1	2	144	16.1
197.parser	2	221	18.9	2	220	19.0
252.eon	2	143	21.1	2	123	24.6
253.perlbmk	2	227	18.4	2	213	19.6
254.gap	2	107	23.9	2	106	24.1
255.vortex	2	141	31.2	2	141	31.2
256.bzip2	2	226	15.4	2	215	16.2
300.twolf	2	480	14.5	2	409	17.0

Hardware

CPU:	Intel Pentium 4 (3.6 GHz, 800 MHz system bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (HT Technology Enabled)
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:	4 x 512MB PC 4300 DDR2 SDRAM
Disk Subsystem:	1 x 200GB ATA133 IDE, 7200 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(for libraries) SmartHeap Library Version 7.1 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:   -QxN -fast -Qansi_alias +FDO
Base tuning for C++ programs: -QxN -fast -GX -GR
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:     -QxN -fast -Qansi_alias -Oa  +FDO
175.vpr:      -QxN -fast -Qansi_alias +FDO
176.gcc:      -QxN -fast -Qansi_alias +FDO
181.mcf:      -QxN -fast -Qansi_alias +FDO
186.crafty:   -QxN -fast -Qansi_alias -Oa +FDO
197.parser:   -QxN -fast -Qansi_alias  +FDO
252.eon:      -QxN -O2 -Qipo +FDO
253.perlbmk:  -QxN -fast -Qansi_alias +FDO shlW32M.lib
254.gap:      -QxN -fast -Qunroll1 -Zp8 +FDO
255.vortex    basepeak=yes
256.bzip2:   -fast -Oa -Qunroll1 +FDO
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
300.twolf:    -QxN -fast -O3 +FDO shlW32M.lib
```