CINT2000 Result

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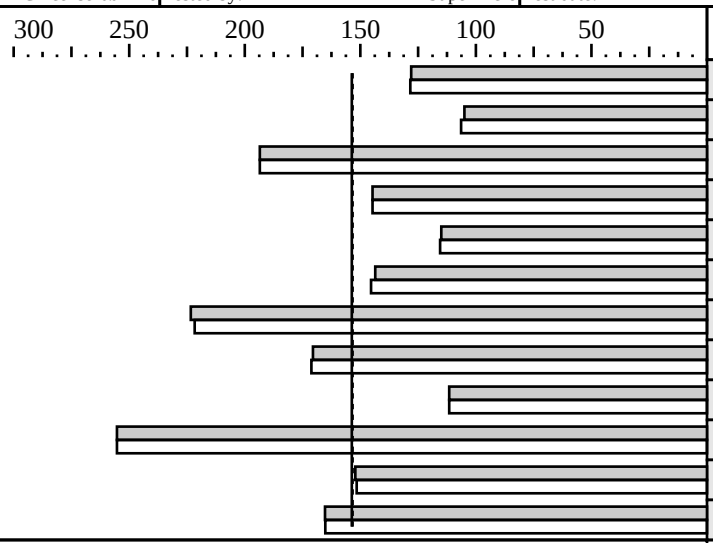
Supermicro

Motherboard X6QT8(3.5 GHz, Intel Xeon processor 7150N)

SPECint_rate2000 = 154

SPECint_rate_base2000 = 153

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	16	203	128	16	202	128
175.vpr	16	248	105	16	244	106
176.gcc	16	106	193	16	106	193
181.mcf	16	231	145	16	231	145
186.crafty	16	161	115	16	161	115
197.parser	16	233	144	16	230	145
252.eon	16	108	223	16	109	222
253.perlbmk	16	196	171	16	195	171
254.gap	16	183	112	16	183	112
255.vortex	16	138	255	16	138	255
256.bzip2	16	183	152	16	184	152
300.twolf	16	337	165	16	337	165

Hardware

CPU:	Intel Xeon processor 7150N (3.5GHz, 667MHz system bus)
CPU MHz:	3500
FPU:	Integrated
CPU(s) enabled:	8 cores, 4 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1, 2, 3, 4 chips
Parallel:	No
Primary Cache:	12 K I micro-ops + 16 KB D on chip per core
Secondary Cache:	16 MB on chip per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	32 GB (16x2048MB PC2-3200 ECC, Reg, CL3)
Disk Subsystem:	1 X 74GB SCSI Hard Drive
Other Hardware:	N/A

Software

Operating System:	Windows Server 2003 Enterprise Edition W/ SP1
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
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)

```
256.bzip2:   -fast -Oa -Qunroll1 +FDO
300.twolf:    -fast -O3 +FDO shlW32M.lib
The system bus runs at 667 MHz
```