CINT2000 Result

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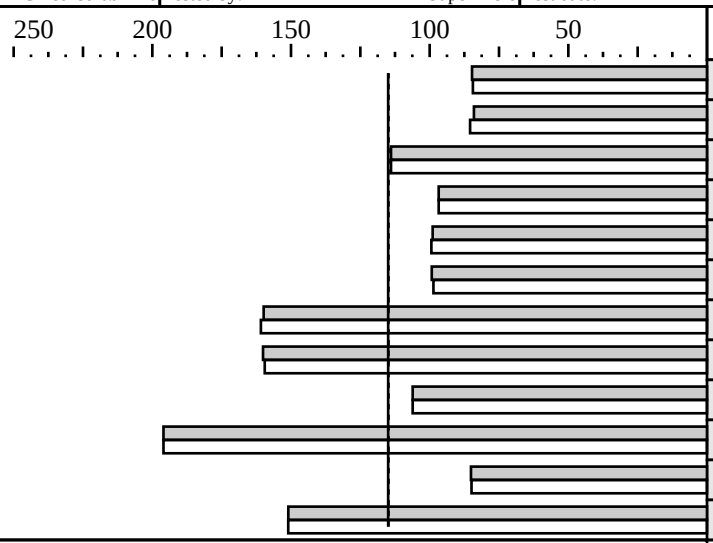
Supermicro

Motherboard X7DBP-8 (3.00GHz, Intel Xeon 5160 processor)

SPECint_rate2000 = 115

SPECint_rate_base2000 = 115

SPEC license #01176 | Tested by: Supermicro | Test date: Jun-2006 | Hardware Avail: Jun-2006 | Software Avail: May-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	76.7	84.7	4	77.0	84.4
175.vpr	4	77.3	84.0	4	76.0	85.4
176.gcc	4	44.8	114	4	44.8	114
181.mcf	4	86.3	96.7	4	86.3	96.7
186.crafty	4	46.9	98.9	4	46.7	99.4
197.parser	4	84.2	99.2	4	84.7	98.6
252.eon	4	37.7	160	4	37.5	161
253.perlbmk	4	52.2	160	4	52.4	159
254.gap	4	48.1	106	4	48.1	106
255.vortex	4	45.0	196	4	45.0	196
256.bzip2	4	81.8	85.1	4	82.0	84.9
300.twolf	4	92.2	151	4	92.2	151

Hardware

CPU:	Intel Xeon 5160 processor (3.00GHz, 4MB L2 shared, 1333 MHz bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1, 2
Parallel:	No
Primary Cache:	32KBI + 32KBD on chip, per core
Secondary Cache:	4MB(I+D) on chip, per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 x 512MB 667MHz CL5 DDR2 FB-DIMM
Disk Subsystem:	1 X WD 250GB 7200 SATA HDD
Other Hardware:	

Software

Operating System:	Microsoft Windows Server 2003 Enterprise Edition with SP1
Compiler:	Intel C++ Compiler 9.0 for 32-bit applications Build 20050430Z (32-bit) Microsoft Visual Studio .Net 2003(for libraries) SmartHeap Library Version 7.4 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 systems can be used with SC816-R700 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 X7DBP:
 http://www.supermicro.com/products/motherboard/Xeon1333/5000P/X7DBP-8.cfm
The system bus runs at 1333 MHz
```