CINT2000 Result

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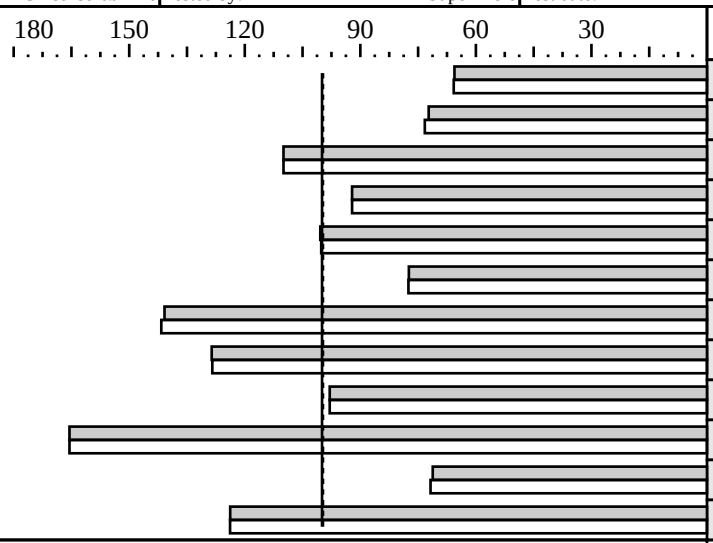
Supermicro

Motherboard X7DBP-8(2.33GHz, Intel Xeon 5140 processor)

SPECint_rate2000 = 99.9

SPECint_rate_base2000 = 99.7

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	99.1	65.6	4	98.8	65.8
175.vpr	4	89.9	72.3	4	88.7	73.3
176.gcc	4	46.4	110	4	46.4	110
181.mcf	4	90.6	92.1	4	90.6	92.1
186.crafty	4	46.2	100	4	46.3	100
197.parser	4	108	77.4	4	108	77.5
252.eon	4	42.8	141	4	42.6	142
253.perlbmk	4	65.0	129	4	65.0	128
254.gap	4	52.1	97.9	4	52.1	97.9
255.vortex	4	53.3	166	4	53.3	166
256.bzip2	4	97.8	71.2	4	97.0	71.8
300.twolf	4	112	124	4	112	124

Hardware

CPU:	Intel Xeon 5140 processor (2.33 GHz,1333MHz bus)
CPU MHz:	2330
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1, 2
Parallel:	N/A
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:	4 X 2GB DDR2 ECC CL5 667MHz FBDIMM
Disk Subsystem:	1 X Seagate Barracuda 120GB 7200 RPM
Other Hardware:	N/A

Software

Operating System:	Windows Server 2003 Enterprise Edition 32-bits 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

    Tested systems can be used with SC816S-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 http://www.supermicro.com/products/motherboard/Xeon1333/5000P/X7DBP-8.cfm
    The system bus runs at 1333 MHz
```