CINT2000 Result

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Supermicro

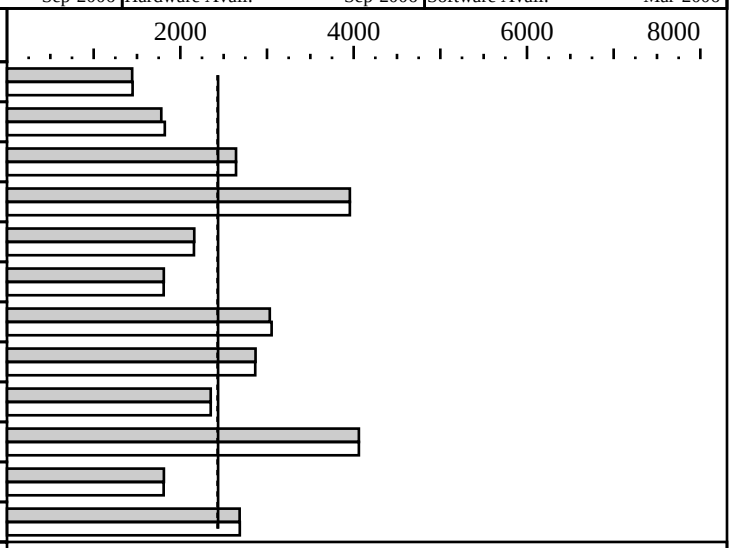
Motherboard X7DBP-8(2.33GHz, Intel Xeon 5140 processor)

SPECint2000 = 2436

SPECint_base2000 = 2430

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	96.9	1444	96.6	1449
175.vpr	1400	78.6	1780	76.9	1821
176.gcc	1100	41.6	2643	41.6	2643
181.mcf	1800	45.5	3956	45.5	3956
186.crafty	1000	46.3	2161	46.4	2157
197.parser	1800	99.5	1809	99.6	1808
252.eon	1300	42.9	3032	42.6	3053
253.perlbmk	1800	62.8	2868	62.8	2864
254.gap	1100	46.8	2351	46.8	2351
255.vortex	1900	46.8	4060	46.8	4060
256.bzip2	1500	82.9	1810	83.0	1808
300.twolf	3000	112	2684	112	2686



Hardware

CPU:	Intel Xeon 5140 processor (2.33 GHz,1333MHz bus)
CPU MHz:	2330
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 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
```