CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Supermicro

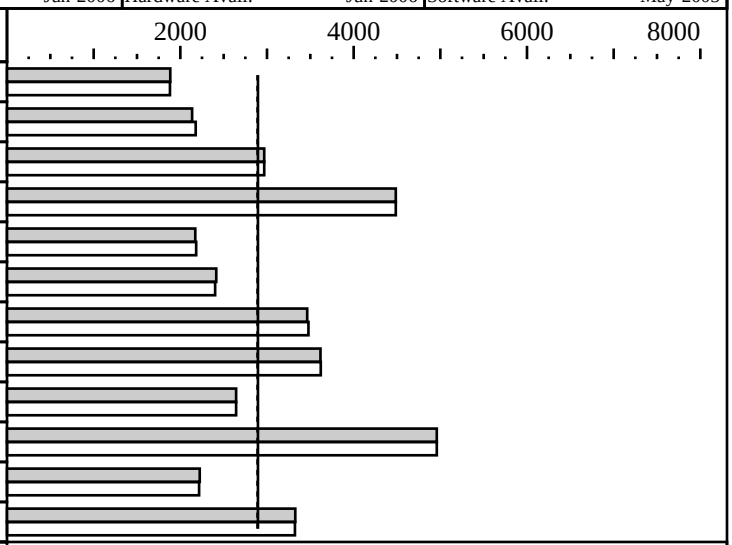
Motherboard X7DBP-8 (3.00GHz, Intel Xeon 5160 processor)

SPECint2000 = 2896

SPECint_base2000 = 2891

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	74.3	1884	74.5	1880
175.vpr	1400	65.5	2136	64.3	2177
176.gcc	1100	37.1	2968	37.1	2968
181.mcf	1800	40.1	4486	40.1	4486
186.crafty	1000	46.0	2172	45.8	2183
197.parser	1800	74.5	2415	75.0	2402
252.eon	1300	37.5	3464	37.4	3478
253.perlbmk	1800	49.8	3617	49.7	3620
254.gap	1100	41.6	2644	41.6	2644
255.vortex	1900	38.3	4959	38.3	4959
256.bzip2	1500	67.5	2224	67.7	2217
300.twolf	3000	90.2	3326	90.3	3322



Hardware

CPU:	Intel Xeon 5160 processor (3.00GHz, 4MB L2 shared, 1333 MHz bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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
```