CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Supermicro

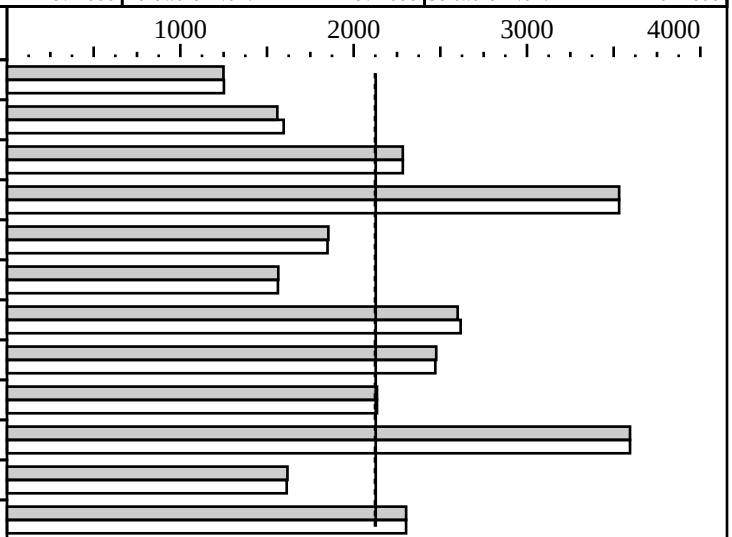
Motherboard X7DB8(2.00GHz, Intel Xeon E5335 processor)

SPECint2000 = 2127

SPECint_base2000 = 2123

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	112	1249	112	1251
175.vpr	1400	89.8	1560	87.7	1596
176.gcc	1100	48.2	2283	48.2	2283
181.mcf	1800	51.0	3532	51.0	3532
186.crafty	1000	53.9	1854	54.1	1849
197.parser	1800	115	1565	115	1563
252.eon	1300	50.0	2600	49.7	2617
253.perlbmk	1800	72.7	2476	72.8	2471
254.gap	1100	51.5	2135	51.5	2135
255.vortex	1900	52.9	3594	52.9	3594
256.bzip2	1500	92.7	1618	93.0	1614
300.twolf	3000	130	2303	130	2302



Hardware

CPU:	Intel Xeon E5335 processor (2.00 GHz,1333MHz bus)
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	4 cores, 1 chip, 4 cores/chip
CPU(s) orderable:	1 chip
Parallel:	N/A
Primary Cache:	32KBI + 32KBD on chip per core
Secondary Cache:	8MB(I+D) on chip, per chip (4MB shared per 2 cores)
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 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 shlW32M.lib
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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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/X7DB8.cfm
     The system bus runs at 1333 MHz
    shlw32m-80.lib is the V8.0 SmartHeap library renamed to co-exist with older versions
```