CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Supermicro

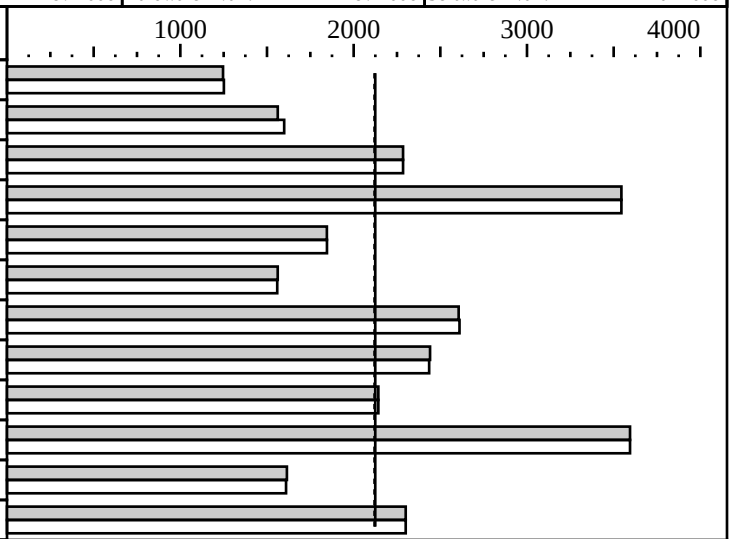
Motherboard X7DBR-8(2.00GHz, Intel Xeon E5335 processor)

SPECint2000 = 2125

SPECint_base2000 = 2121

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	1246	112	1251
175.vpr	1400	89.6	1562	87.5	1599
176.gcc	1100	48.1	2285	48.1	2285
181.mcf	1800	50.8	3545	50.8	3545
186.crafty	1000	54.2	1845	54.2	1846
197.parser	1800	115	1562	115	1559
252.eon	1300	49.9	2606	49.8	2611
253.perlbmk	1800	73.8	2441	73.9	2436
254.gap	1100	51.3	2142	51.3	2142
255.vortex	1900	52.9	3594	52.9	3594
256.bzip2	1500	92.9	1615	93.2	1610
300.twolf	3000	130	2300	130	2300



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/X7DBR-8.cfm
     The system bus runs at 1333 MHz
    shlw32m-80.lib is the V8.0 SmartHeap library renamed to co-exist with older versions
```