Supermicro X6DHR-3G2 Motherboard

**CINT2000 Result**

<table>
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<th>Benchmark</th>
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<th>Base Ratio</th>
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</table>

**Hardware**

CPU: Intel Xeon Processor (3.80 GHz, 2MB L2, 800 MHz bus)
CPU MHz: 3800
FPU: Integrated
CPU(s) enabled: 2 cores, 2 chips, 1 core/chip(Hyper-Threading Technology Enabled)
CPU(s) orderable: 2 cores, 2 chips, 1 core/chip
Parallel: No
Primary Cache: 12k micro-ops I + 16KB on chip
Secondary Cache: 2048KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 8 x 2.0GB SMART DDR2 400MHz ECC
Disk Subsystem: 1 X 250GB Western Digital WD2500JD-00GBB0 SATA HDD
Other Hardware: N/A

**Software**

Operating System: Windows Server 2003 EE w/SP1
Compiler: Intel C++ Compiler 9.0 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 shlW32M.lib
shlW32M.lib is the SmartHeap Library
Portability flags:
176.gcc: -Daloc = Alloc /F10000000
186.crafty: -DNT_i386
252.eon: Approved stdcpp src.alt used
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
CINT2000 Result

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SPECint_rate2000 = 42.7
SPECint_rate_base2000 = 42.8

Notes/Tuning Information (Continued)

255.vortex  basepeak=yes
256.bzip2:  -fast -Oa -Qunroll11 +FDO
300.twolf:  -fast -O3 +FDO shlW32M.lib
New 32-bt Windows tools used, approved in May-2005
Tested system was built with SC813T-500 Chassis.
Product description located as of:
The system bus runs at 800MHz