



CINT2000 Result

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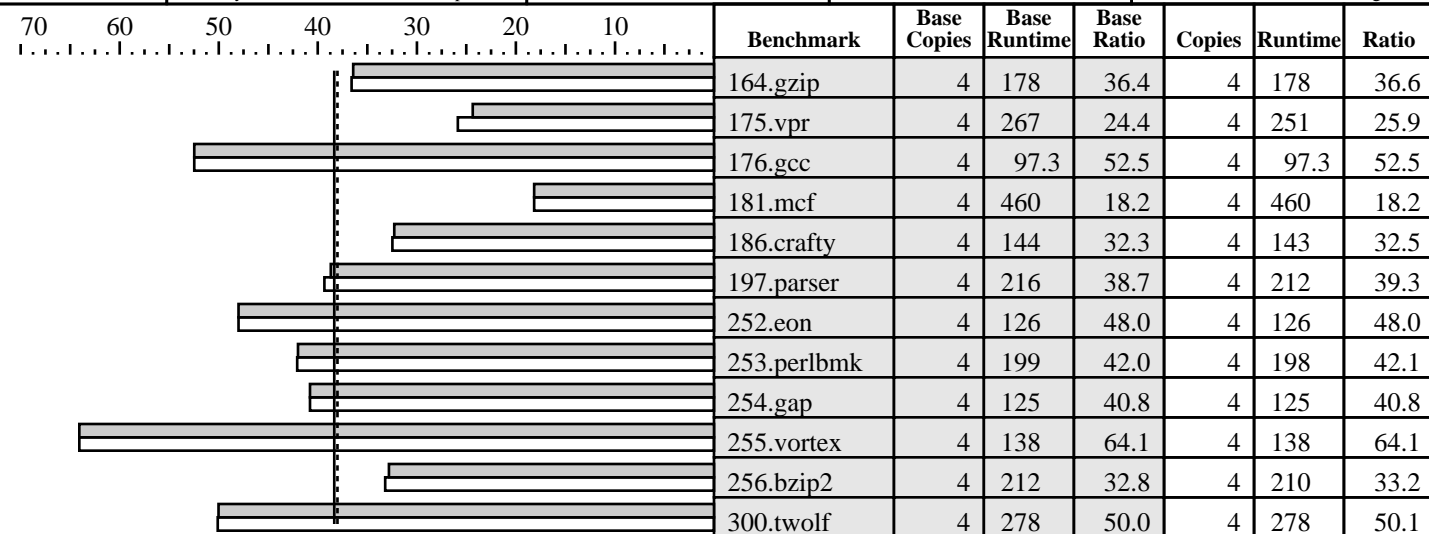
Supermicro

X6DH8/E-G2 Motherboard(Intel Xeon 3.6GHz 2M Cache)

SPECint_rate2000 = 38.3

SPECint_rate_base2000 = 38.0

SPEC license #01176 | Tested by: Supermicro | Test date: Jun-2005 | Hardware Avail: Jun-2005 | Software Avail: Aug-2004



Hardware

CPU: Intel Xeon 3.6GHz 2M Cache
 CPU MHz: 3600
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip(Hyper-Threading Technology Enabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12k micro-ops I + 16KBD on chip
 Secondary Cache: 2048KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4 X 512MB DDR2 400MHz CL4 ECC
 Disk Subsystem: Maxtor 80GB SATA 6Y080M0
 Other Hardware: N/A

Software

Operating System: Windows 2003 Enterprise Edition W/ SP1
 Compiler: Intel C++ Compiler 8.1 Build 20040802Z (32-bit)
 Microsoft Visual Studio .Net 2003(for libraries)
 SmartHeap Library Version 6.0 from <http://www.microquill.com/>
 File System: NTFS
 System State: Default

Notes/Tuning Information

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+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.crafty: -DNT_i386
252.eon: Approved stdcpp src.alt used
253.perlbnk: -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.perlbnk: -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 system configuration used an SC823S-550LP chassis
with a 420W (minimum) ATX power supply [8-pin (+12V) and 24-pin are required]
See <http://www.supermicro.com/products/motherboard/Xeon800/E7520/X6DH8-G2.cfm>
The system bus runs at 800 MHz