



CINT2000 Result

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Supermicro

Motherboard H8DA8 rev 2.01 (AMD Opteron(TM) 265 processor)

SPECint_rate2000 = --

SPECint_rate_base2000 = 54.7

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	143	45.6			
175.vpr	4	138	47.2			
176.gcc	4	82.9	61.6			
181.mcf	4	223	37.4			
186.crafty	4	85.2	54.4			
197.parser	4	157	53.1			
252.eon	4	93.9	64.2			
253.perlbnk	4	146	57.1			
254.gap	4	87.8	58.1			
255.vortex	4	100	87.9			
256.bzip2	4	151	46.0			
300.twolf	4	237	58.8			

Hardware

CPU: AMD Opteron(TM) 265 processor
CPU MHz: 1800
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
CPU(s) orderable: 1, 2
Parallel: No
Primary Cache: 64KBI + 64KBD on chip per core
Secondary Cache: 1024KB (I+D) on chip per core
L3 Cache: N/A
Other Cache: N/A
Memory: 8 x 512MB, Registered, ECC, Buffered, Single Rank, DDR400 CL3
Disk Subsystem: Seagate Barracuda 7200.9, 120GB, 7200RPM
Other Hardware: None

Software

Operating System: Windows Server 2003 Enterprise Edition SP1 (32 bit)
Compiler: Intel C++ 8.0
Build 20040318Z (for 32-bit applications),
Microsoft Visual Studio .Net 2003
File System: NTFS
System State: Default

Notes/Tuning Information

+FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

Portability flags

176.gcc: -Dalloca=_alloca /F10000000
186.crafty: -DNT_i386
253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

Base tuning flags

for C programs: -fast -arch:SSE2 -Oi- +FDO
for C++ programs: -fast -GX -GR +FDO

The system under test can be built with a ATX 650 power supply.

'start /b /wait /affinity' command is used to bind CPU(s) to processes