



CINT2000 Result

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Supermicro

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

SPECint2000 = --

SPECint_base2000 = 1225

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	141	995		
175.vpr	1400	134	1044		
176.gcc	1100	80.5	1367		
181.mcf	1800	175	1027		
186.crafty	1000	85.3	1173		
197.parser	1800	154	1165		
252.eon	1300	93.3	1393		
253.perlbnk	1800	144	1251		
254.gap	1100	84.5	1301		
255.vortex	1900	98.3	1933		
256.bzip2	1500	147	1024		
300.twolf	3000	235	1276		

Hardware

CPU: AMD Opteron(TM) 265 processor
CPU MHz: 1800
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1
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: 4 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

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+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