



CINT2000 Result

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Fujitsu Siemens Computers
PRIMERGY BX630, AMD Opteron (TM) 250

SPECint2000 = 1555
SPECint_base2000 = 1555

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: Sep-2005 Hardware Avail: Oct-2005 Software Avail: Apr-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	106	1315	106	1315	
175.vpr	1400	110	1272	110	1272	
176.gcc	1100	62.9	1750	62.9	1750	
181.mcf	1800	176	1020	176	1020	
186.crafty	1000	64.3	1556	64.3	1556	
197.parser	1800	121	1489	121	1489	
252.eon	1300	58.6	2219	58.6	2219	
253.perlbnk	1800	112	1613	112	1613	
254.gap	1100	66.4	1657	66.4	1657	
255.vortex	1900	78.6	2417	78.6	2417	
256.bzip2	1500	121	1242	121	1242	
300.twolf	3000	184	1626	184	1626	

Hardware

CPU: AMD Opteron (TM) 250 processor (2.40 GHz)
 CPU MHz: 2400
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 64KBI + 64KBD on chip
 Secondary Cache: 1024KB (I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4x2048MB DDR-RAM PC3200R
 Disk Subsystem: Seagate ST3160023AS (SATA, 7.2krpm)
 Other Hardware: None

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1
 Compiler: Intel C++ 8.0
 Build 20040415Z (for 32-bit applications),
 Microsoft Visual Studio .NET 7.0.9466 (libraries)
 File System: NTFS
 System State: Default

Notes/Tuning Information

GENERAL

+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 -arch:SSE2 -GX -GR

Peak tuning flags

same as baseline (basepeak=yes set globally)

boot options: /NoExecute=alwaysoff

This result was measured with 32-bit binaries using the 32-bit version of



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Notes/Tuning Information (Continued)

the operating system.

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