



CINT2000 Result

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Fujitsu Siemens Computers

PRIMERGY TX150 S4, Intel Pentium 4 631 processor, 3.0 GHz

SPECint2000 = 1511

SPECint_base2000 = 1511

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: Apr-2006 Hardware Avail: May-2006 Software Avail: Oct-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	138	1011	138	1011				
175.vpr	1400	134	1043	134	1043				
176.gcc	1100	61.0	1803	61.0	1803				
181.mcf	1800	90.9	1980	90.9	1980				
186.crafty	1000	89.5	1118	89.5	1118				
197.parser	1800	141	1274	141	1274				
252.eon	1300	68.5	1897	68.5	1897				
253.perlbnk	1800	98.4	1830	98.4	1830				
254.gap	1100	66.5	1654	66.5	1654				
255.vortex	1900	72.9	2606	72.9	2606				
256.bzip2	1500	130	1157	130	1157				
300.twolf	3000	197	1522	197	1522				

Hardware

CPU: Intel Pentium 4 631 processor (3.0 GHz, 2MB L2, 800 MHz system bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1
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: 4x2GB DDRII-RAM PC2-4200E (CAS 4-4-4)
Disk Subsystem: Fujitsu MAS3735NC (SCSI, 15krpm, 73GB)
Other Hardware: none

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1
Compiler: Intel C++ Compiler 9.0
Build 20051020Z (for 32-bit applications),
Microsoft Visual Studio .Net 2003
7.1.3088 (for libraries),
SmartHeap Library Version 8.0
from <http://www.microquill.com>
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 +FDO shlw32M.lib
for C++ programs: -fast -Qcxx_features +FDO shlw32M.lib

Peak tuning flags

same as baseline (basepeak=true set globally)

The system bus runs at 800 MHz

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



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Notes/Tuning Information (Continued)

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