



CINT2000 Result

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Fujitsu Siemens Computers
PRIMERGY RX100 S3, Intel Pentium 4 650

SPECint2000 = 1661
SPECint_base2000 = 1661

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: Aug-2005 Hardware Avail: Oct-2005 Software Avail: Mar-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
164.gzip	1400	124	1133	124	1133	[Bar chart showing ratio 1133]			
175.vpr	1400	121	1156	121	1156	[Bar chart showing ratio 1156]			
176.gcc	1100	55.0	2002	55.0	2002	[Bar chart showing ratio 2002]			
181.mcf	1800	89.2	2019	89.2	2019	[Bar chart showing ratio 2019]			
186.crafy	1000	79.8	1253	79.8	1253	[Bar chart showing ratio 1253]			
197.parser	1800	127	1417	127	1417	[Bar chart showing ratio 1417]			
252.eon	1300	64.8	2006	64.8	2006	[Bar chart showing ratio 2006]			
253.perlbmk	1800	89.4	2014	89.4	2014	[Bar chart showing ratio 2014]			
254.gap	1100	59.6	1845	59.6	1845	[Bar chart showing ratio 1845]			
255.vortex	1900	66.8	2842	66.8	2842	[Bar chart showing ratio 2842]			
256.bzip2	1500	117	1282	117	1282	[Bar chart showing ratio 1282]			
300.twolf	3000	174	1724	174	1724	[Bar chart showing ratio 1724]			

Hardware

CPU: Intel Pentium 4 650 (3.40 GHz, 800 MHz bus)
CPU MHz: 3400
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: 4x2048 MB DDRII-RAM PC2-4300
Disk Subsystem: Seagate ST380013AS (SATA, 7.2krpm)
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise Edition + SP1
Compiler: Intel C++ Compiler 9.0 Build 20050722Z (for 32-bit applications)
Microsoft Visual Studio .Net 2003 7.1.3088 (for libraries)
SmartHeap Library Version 7.4 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.crafy: -DNT_i386
252.eon: Approved srcalt stdcpp is used
253.perlbmk: -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

Peak tuning flags

same as baseline (basepeak=yes set globally)

New 32-bit Windows tools used, approved in May-2005

The system bus runs at 800 MHz



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Notes/Tuning Information (Continued)

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

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