CINT2000 Result

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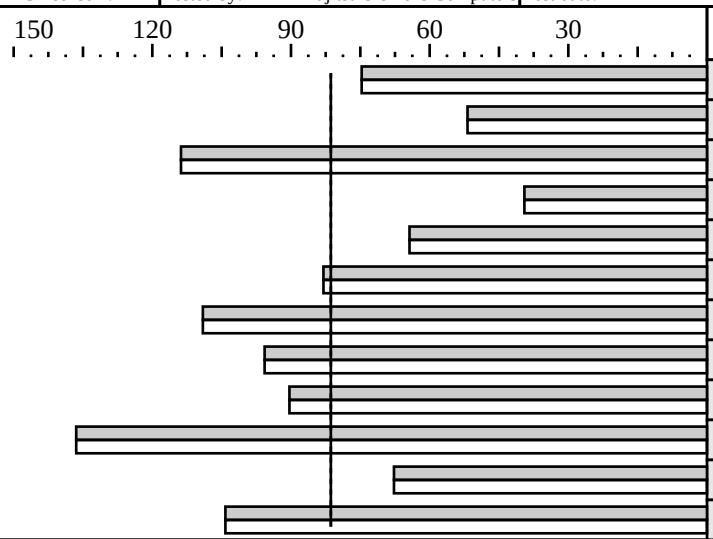
Fujitsu Siemens Computers

PRIMERGY BX620 S3, Intel Xeon 5080 processor, 3.73 GHz

SPECint_rate2000 = 81.4

SPECint_rate_base2000 = 81.4

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Feb-2006 | Hardware Avail: Jun-2006 | Software Avail: Oct-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	174	74.7	8	174	74.7
175.vpr	8	251	51.8	8	251	51.8
176.gcc	8	89.7	114	8	89.7	114
181.mcf	8	423	39.5	8	423	39.5
186.crafty	8	144	64.4	8	144	64.4
197.parser	8	201	83.0	8	201	83.0
252.eon	8	111	109	8	111	109
253.perlbmk	8	175	95.7	8	175	95.7
254.gap	8	113	90.3	8	113	90.3
255.vortex	8	129	136	8	129	136
256.bzip2	8	206	67.7	8	206	67.7
300.twolf	8	267	104	8	267	104

Hardware

CPU:	Intel Xeon 5080 processor (3.73 GHz, 2x2MB L2, 1066 MHz system bus)
CPU MHz:	3733
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip, per core
Secondary Cache:	2048KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x1GB DDRII-RAM PC2-4200F (CAS 4-4-4)
Disk Subsystem:	Seagate ST936701SS (SAS, 10krpm, 36GB)
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.crafy:   -DNT_i386
   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 shlW32M.lib

Peak tuning flags
   same as baseline (basepeak=true set globally)

The system bus runs at 1066 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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