# CINT2000 Result

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## Fujitsu Siemens Computers

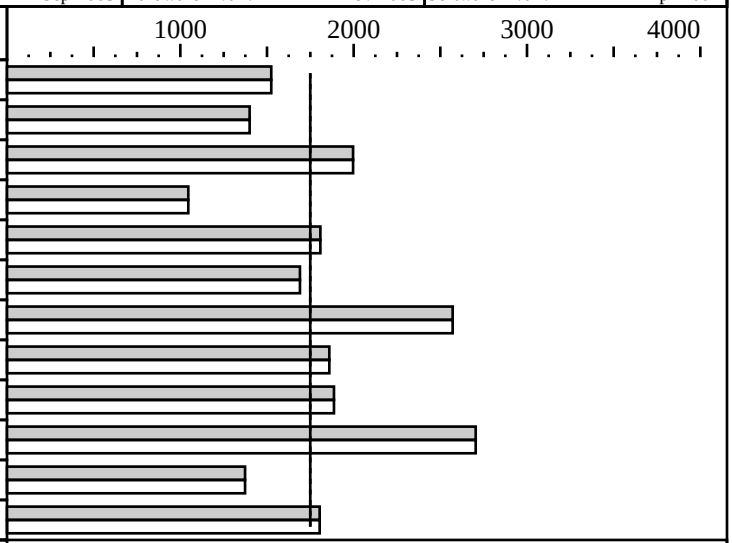
PRIMERGY RX220, AMD Opteron (TM) 254

SPECint2000 = 1750

SPECint_base2000 = 1750

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

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |
|---|---|---|---|---|---|
| 164.gzip | 1400 | 91.8 | 1525 | 91.8 | 1525 |
| 175.vpr | 1400 | 100 | 1400 | 100 | 1400 |
| 176.gcc | 1100 | 55.1 | 1997 | 55.1 | 1997 |
| 181.mcf | 1800 | 172 | 1046 | 172 | 1046 |
| 186.crafty | 1000 | 55.3 | 1808 | 55.3 | 1808 |
| 197.parser | 1800 | 107 | 1690 | 107 | 1690 |
| 252.eon | 1300 | 50.6 | 2571 | 50.6 | 2571 |
| 253.perlbmk | 1800 | 96.8 | 1860 | 96.8 | 1860 |
| 254.gap | 1100 | 58.3 | 1886 | 58.3 | 1886 |
| 255.vortex | 1900 | 70.3 | 2704 | 70.3 | 2704 |
| 256.bzip2 | 1500 | 109 | 1373 | 109 | 1373 |
| 300.twolf | 3000 | 166 | 1804 | 166 | 1804 |




### Hardware

| | |
|---|---|
| CPU: | AMD Opteron (TM) 254 processor (2.80 GHz) |
| CPU MHz: | 2800 |
| 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: | Western Digital WD2500 (SATA, 7.2krpm) |
| Other Hardware: | None |

### Software

| | |
|---|---|
| Operating System: | Windows Server 2003 Enterprise Edition + SP1 |
| Compiler: | Intel C++ 8.0<br>Build 20040415Z (for 32-bit applications),<br>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.perlbmk: -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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