CINT2000 Result

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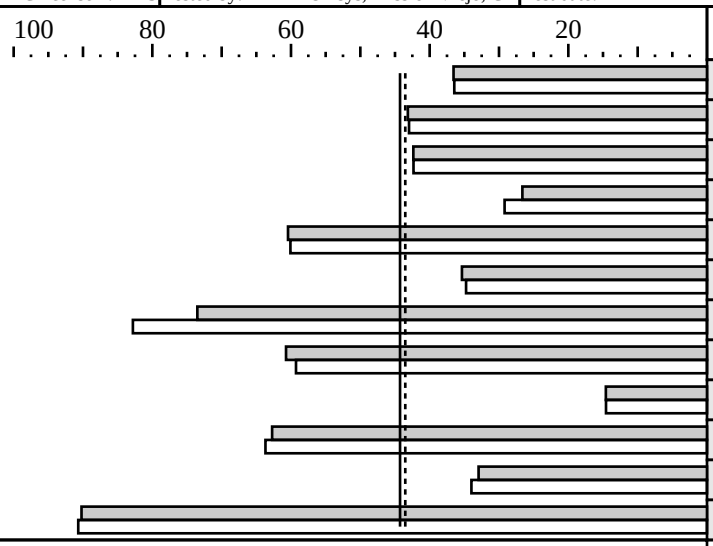
Unisys
e-@ction Enterprise Server ES7000

SPECint_rate2000 = 44.3

SPECint_rate_base2000 = 43.5

SPEC license #: 15 | Tested by: Unisys, Mission Viejo, CA | Test date: Jan-2001 | Hardware Avail: Nov-2000 | Software Avail: Nov-2000



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	16	711	36.6	16	713	36.4
175.vpr	16	602	43.1	16	605	43.0
176.gcc	16	482	42.4	16	482	42.3
181.mcf	16	1255	26.6	16	1144	29.2
186.crafty	16	307	60.4	16	309	60.1
197.parser	16	945	35.3	16	961	34.7
252.eon	16	328	73.5	16	291	82.8
253.perlbmk	16	550	60.7	16	564	59.3
254.gap	16	1399	14.6	16	1402	14.6
255.vortex	16	562	62.7	16	554	63.7
256.bzip2	16	845	32.9	16	819	34.0
300.twolf	16	617	90.2	16	614	90.7

Hardware

CPU:	Intel Pentium III Xeon 700 MHz
CPU MHz:	651
FPU:	Integrated
CPU(s) enabled:	16 cores, 16 chips, 1 core/chip
CPU(s) orderable:	Up to 32
Parallel:	No
Primary Cache:	16KB(I)+16KB(D) on chip
Secondary Cache:	2MB(I+D) on die
L3 Cache:	One 16MB L3 cache per 4 CPUs
Other Cache:	N/A
Memory:	16GB
Disk Subsystem:	10x36GB ESM7700-C10
Other Hardware:	

Software

Operating System:	Windows 2000 Datacenter build 2195
Compiler:	Intel C/C++ Compiler 5.0 for Windows NT Microsoft Visual C++ 6.0 (for libraries) MicroQuill SmartHeap Library 5.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
FEEDBACK-DIRECTED OPTIMIZATION
 +FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
BASE TUNING
  C SOURCE:  -QxK -Qipo shlW32M.lib +FDO
  C++ SOURCE:  -QxK -Qipo -GX -GR
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
PEAK TUNING
  164.gzip:  -QxK -Qipo +FDO shlW32M.lib
  175.vpr:   -QxK -Qipo +FDO shlW32M.lib
  176.gcc:  -QxK -Qipo +FDO shlW32M.lib
  181.mcf:  -QxK -Qipo +FDO shlW32M.lib
  186.crafty:  -QxK -Qipo +FDO shlW32M.lib
  197.parser:  -QxK -Qipo +FDO shlW32M.lib
  252.eon:     -QxK -Qipo +FDO
  253.perlbmk: -QxK -Qipo +FDO shlW32M.lib
  254.gap:  -QxK -Qipo +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

```
    255.vortex:  -QxK -Qipo +FDO -Oa shlW32M.lib
    256.bzip2:  -QxK -Qipo +FDO -Oa shlW32M.lib
    300.twolf:  -QxK -Qipo +FDO -Oa shlW32M.lib
  LIBRARIES
    shlW32M.lib: MicroQuill SmartHeap Library 5.0
                 www.microquill.com
```