CINT2000 Result

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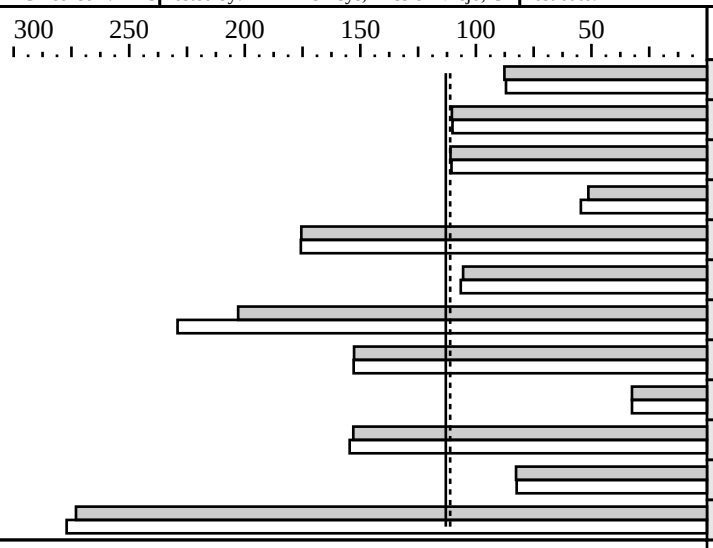
Unisys
e-@ction Enterprise Server ES7000

SPECint_rate2000 = 113

SPECint_rate_base2000 = 111

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	32	593	87.7	32	598	87.0
175.vpr	32	471	110	32	472	110
176.gcc	32	368	111	32	369	111
181.mcf	32	1302	51.3	32	1224	54.6
186.crafty	32	211	176	32	211	176
197.parser	32	633	106	32	627	107
252.eon	32	238	203	32	211	229
253.perlbmk	32	438	153	32	437	153
254.gap	32	1258	32.5	32	1258	32.5
255.vortex	32	461	153	32	456	155
256.bzip2	32	674	82.6	32	676	82.4
300.twolf	32	408	273	32	402	277

Hardware

CPU:	Intel Pentium III Xeon
CPU MHz:	900
FPU:	Integrated
CPU(s) enabled:	32 cores, 32 chips, 1 core/chip
CPU(s) orderable:	4, 8, 12, 16, 20, 24, 28, 32
Parallel:	No
Primary Cache:	16KB(I)+16KB(D) on chip
Secondary Cache:	2MB(I+D) on die per CPU
L3 Cache:	16MB per 4 CPUs
Other Cache:	N/A
Memory:	16GB
Disk Subsystem:	20 x 17GB Striped Disk
Other Hardware:	

Software

Operating System:	Windows 2000 Datacenter build 2195
Compiler:	Intel C/C++ Compiler 5.0 Build 001120 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
```