CINT2000 Result

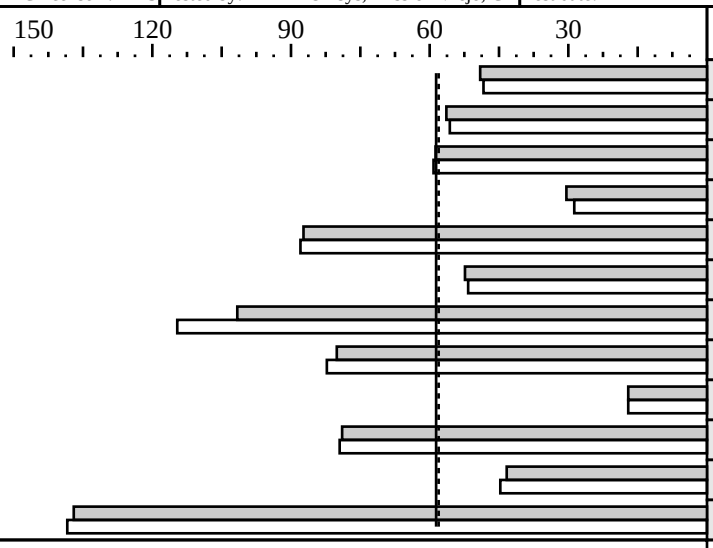
Copyright ©1999-2004, Standard Performance Evaluation Corporation

Unisys
e-@ction Enterprise Server ES7000

SPECint_rate2000 = 58.6

SPECint_rate_base2000 = 58.1

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	16	530	49.1	16	537	48.4
175.vpr	16	461	56.4	16	467	55.6
176.gcc	16	348	58.7	16	345	59.2
181.mcf	16	1098	30.4	16	1163	28.7
186.crafty	16	213	87.3	16	211	88.0
197.parser	16	638	52.4	16	647	51.7
252.eon	16	237	102	16	211	115
253.perlbmk	16	417	80.1	16	406	82.2
254.gap	16	1198	17.0	16	1198	17.0
255.vortex	16	447	78.9	16	444	79.5
256.bzip2	16	642	43.3	16	623	44.7
300.twolf	16	406	137	16	402	138

Hardware

CPU:	Intel Pentium III Xeon
CPU MHz:	900
FPU:	Integrated
CPU(s) enabled:	16 cores, 16 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
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

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
```