



CINT2000 Result

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Unisys
e-@ction ES2026L Server

SPECint_rate2000 = 8.42
SPECint_rate_base2000 = 8.34

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	295	11.0	2	310	10.5
175.vpr	2	538	6.04	2	537	6.05
176.gcc	2	413	6.18	2	410	6.22
181.mcf	2	1026	4.07	2	1026	4.07
186.crafty	2	202	11.5	2	202	11.5
197.parser	2	588	7.10	2	588	7.10
252.eon	2	213	14.2	2	191	15.8
253.perlbnk	2	334	12.5	2	334	12.5
254.gap	2	340	7.51	2	339	7.52
255.vortex	2	304	14.5	2	297	14.9
256.bzip2	2	521	6.68	2	513	6.78
300.twolf	2	1076	6.47	2	1069	6.51

Hardware

CPU: Intel Pentium III
CPU MHz: 933
FPU: Integrated
CPU(s) enabled: 2 cores, 2 chips, 1 core/chip
CPU(s) orderable: 1 to 2
Parallel: No
Primary Cache: 16KB(I)+16KB(D) on chip
Secondary Cache: 256KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 512MB SDRAM
Disk Subsystem: 1x17GB SCSI Disk
Other Hardware:

Software

Operating System: Windows 2000 Server build 2195 SP2
Compiler: Intel C/C++ Compiler 5.0.1 Build 010525Z for Windows 2000
Microsoft Visual C++ 6.0 (for libraries)
MicroQuill SmartHeap Library 6.0
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.crafty: -DNT_i386

253.perlbnk: -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.perlbnk: -QxK -Qipo +FDO shlW32M.lib

254.gap: -QxK -Qipo +FDO shlW32M.lib



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Notes/Tuning Information (Continued)

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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 6.0
              www.microquill.com
```