



CINT2000 Result

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Unisys
e-@ction ES2026R Server

SPECint_rate2000 = 8.59
SPECint_rate_base2000 = 8.52

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	285	11.4	2	299	10.9
175.vpr	2	537	6.05	2	538	6.03
176.gcc	2	409	6.24	2	407	6.26
181.mcf	2	1045	4.00	2	1045	4.00
186.crafy	2	190	12.2	2	190	12.2
197.parser	2	585	7.14	2	587	7.11
252.eon	2	199	15.2	2	178	17.0
253.perlbnk	2	318	13.1	2	317	13.2
254.gap	2	338	7.56	2	337	7.56
255.vortex	2	296	14.9	2	289	15.3
256.bzip2	2	516	6.74	2	510	6.83
300.twolf	2	1079	6.45	2	1074	6.48

Hardware

CPU: Intel Pentium III
CPU MHz: 1000
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.crafy: -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.crafy: -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
```