



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Unisys  
e-@ction ES2046L Server

SPECint\_rate2000 = 15.3

SPECint\_rate\_base2000 = 15.1

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	4	409	15.9	4	414	15.7
175.vpr	4	435	14.9	4	447	14.5
176.gcc	4	312	16.4	4	315	16.2
181.mcf	4	1501	5.56	4	1513	5.52
186.crafy	4	270	17.2	4	269	17.2
197.parser	4	631	13.2	4	629	13.3
252.eon	4	285	21.2	4	255	23.6
253.perlbnk	4	431	19.4	4	433	19.3
254.gap	4	549	9.29	4	549	9.29
255.vortex	4	356	24.8	4	347	25.4
256.bzip2	4	563	12.4	4	548	12.7
300.twolf	4	572	24.3	4	552	25.2

### Hardware

CPU: Intel Pentium III Xeon  
CPU MHz: 700  
FPU: Integrated  
CPU(s) enabled: 4 cores, 4 chips, 1 core/chip  
CPU(s) orderable: 1 to 4  
Parallel: No  
Primary Cache: 16KB(I)+16KB(D) on chip  
Secondary Cache: 1MB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 1GB 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



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Unisys  
e-@ction ES2046L Server

SPECint\_rate2000 = 15.3

SPECint\_rate\_base2000 = 15.1

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

## 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 6.0
              www.microquill.com
```