



# CINT2000 Result

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## Unisys Corporation

### ES7000 Aries 420 Server (1500MHz/4MB, Itanium 2)

SPECint\_rate2000 = 185

SPECint\_rate\_base2000 = 185

SPEC license #: 15 | Tested by: Unisys Corp. | Test date: Nov-2004 | Hardware Avail: Nov-2004 | Software Avail: Oct-2004

500    400    300    200    100				Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
				164.zip	16	149	174	16	149	174
				175.vpr	16	187	139	16	187	139
				176.gcc	16	102	201	16	102	201
				181.mcf	16	280	119	16	280	119
				186.crafty	16	84.4	220	16	84.4	220
				197.parser	16	223	150	16	223	150
				252.eon	16	66.9	361	16	66.9	361
				253.perlbnk	16	179	186	16	179	186
				254.gap	16	173	118	16	173	118
				255.vortex	16	139	254	16	139	254
				256.bzip2	16	152	183	16	152	183
				300.twolf	16	236	236	16	236	236

### Hardware

CPU: Itanium 2 processor  
 CPU MHz: 1500  
 FPU: Integrated  
 CPU(s) enabled: 16 cores, 16 chips, 1 core/chip  
 CPU(s) orderable: 8,12,16  
 Parallel: No  
 Primary Cache: 16KBI+16KBD on chip, per core  
 Secondary Cache: 256KB(I+D) on chip, per core  
 L3 Cache: 4MB(I+D) on chip, per core  
 Other Cache: N/A  
 Memory: 32GB (4x8x1GB DIMMs)  
 Disk Subsystem: 1x36GB SCSI DISK (15K rpm)  
 Other Hardware:

### Software

Operating System: MS Windows Server 2003 Datacenter Edition Build 3790  
 Compiler: Intel C/C++ Compiler 8.1 for Windows Build 20041021  
 Microsoft Platform SDK for Windows Server 2003  
 File System: NTFS  
 System State: Default

## Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning:
C programs:      -fast -Qauto_ilp32                      +FDO
C++ programs:    -fast -Qcxx_features -QIPF_fp_relaxed    +FDO
Portability flags:
175.vpr:         -DSPEC_CPU2000_P64
176.gcc:         -Dalloca=_alloca /F60000000
181.mcf:         -DSPEC_CPU2000_P64
186.crafty:      -DNT_i386
252.eon:         -DSPEC_CPU2000_P64
253.perlbnk:     -DSPEC_CPU2000_NTOS -DPERLDLL -DSPEC_CPU2000_P64
253.perlbnk:     -DHAS_LONG_LONG -DUSE_LONG_LONG
254.gap:         -DSPEC_CPU2000 -DSPEC_CPU2000_P64
255.vortex:      -DSPEC_CPU2000_P64 -D_WIN32
```