



CINT2000 Result

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Unisys Corporation

ES7000 Aries 420 Server (1600MHz/6MB, Itanium 2)

SPECint_rate2000 = 199

SPECint_rate_base2000 = 199

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	142	183	16	142	183
				175.vpr	16	168	154	16	168	154
				176.gcc	16	92.5	221	16	92.5	221
				181.mcf	16	250	134	16	250	134
				186.crafty	16	79.2	234	16	79.2	234
				197.parser	16	209	160	16	209	160
				252.eon	16	62.8	384	16	62.8	384
				253.perlbnk	16	168	199	16	168	199
				254.gap	16	167	123	16	167	123
				255.vortex	16	128	275	16	128	275
				256.bzip2	16	142	196	16	142	196
				300.twolf	16	225	248	16	225	248

Hardware

CPU: Itanium 2 processor
 CPU MHz: 1600
 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: 6MB(I+D) on chip, per core
 Other Cache: N/A
 Memory: 128GB
 Disk Subsystem: 1x36GB SCSI DISK (15K rpm)
 Other Hardware:

Software

Operating System: Microsoft Windows 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

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+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
```