CINT2000 Result

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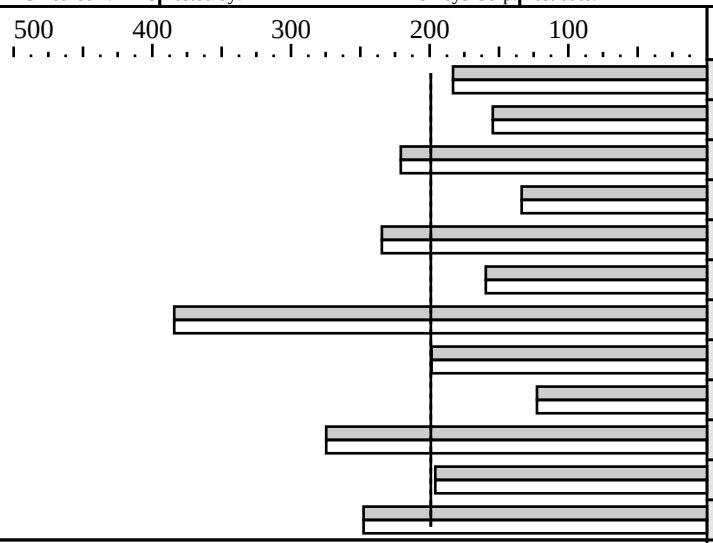
Unisys Corporation

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	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.perlbmk	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

```
+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.perlbmk: -DSPEC_CPU2000_NTOS  -DPERLDLL -DSPEC_CPU2000_P64
253.perlbmk: -DHAS_LONG_LONG -DUSE_LONG_LONG
254.gap:     -DSPEC_CPU2000 -DSPEC_CPU2000_P64
255.vortex:  -DSPEC_CPU2000_P64 -D_WIN32
```