



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Dell

Precision Workstation 690 (Intel Xeon processor 5120, 1.86 GHz)

SPECint2000 = 1977

SPECint_base2000 = 1973

SPEC license #: 55 Tested by: Dell, Inc., Round Rock, TX Test date: Jun-2006 Hardware Avail: Jul-2006 Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	121	1160	121	1159	
175.vpr	1400	96.5	1450	95.4	1468	
176.gcc	1100	49.4	2226	49.4	2226	
181.mcf	1800	58.4	3083	58.4	3083	
186.crafty	1000	58.8	1701	58.9	1699	
197.parser	1800	116	1552	116	1556	
252.eon	1300	53.3	2441	53.3	2438	
253.perlbmk	1800	77.7	2317	77.7	2317	
254.gap	1100	57.3	1920	56.6	1944	
255.vortex	1900	58.1	3271	58.1	3271	
256.bzip2	1500	100	1493	101	1490	
300.twolf	3000	139	2159	139	2159	

Hardware

CPU: Intel Xeon processor 5120 (1066 MHz system bus)
 CPU MHz: 1866
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 32KB(I) + 32KB(D) on chip, per core
 Secondary Cache: 4096KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8 x 512MB 533MHz ECC CL4 FB-DIMM DDR2 SDRAM
 Disk Subsystem: 1 x 73GB SAS 10K RPM
 Other Hardware:

Software

Operating System: Windows XP Professional x64 Edition
 Compiler: Intel C++ Compiler 9.1 for IA32(20060519Z)
 Microsoft Visual Studio .NET 2003(7.1.3088)
 MicroQuill SmartHeap Library 8.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

GENERAL

ONESTEP=yes
 +FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

PORTABILITY FLAGS

176.gcc: -Dalloca=_alloca /F10000000
 186.crafty: -DNT_i386
 253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO

BASE TUNING

C: -fast +FDO shlw32m.lib
 C++: -fast -Qcxx_features +FDO

PEAK TUNING

164.gzip: -fast +FDO
 175.vpr: -fast +FDO
 176.gcc: basepeak=yes
 181.mcf: basepeak=yes
 186.crafty: -fast -Oa +FDO shlw32m.lib
 197.parser: -fast +FDO
 252.eon: -fast +FDO
 253.perlbmk: basepeak=yes



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Dell

Precision Workstation 690 (Intel Xeon processor 5120, 1.86 GHz)

SPECint2000 = 1977

SPECint_base2000 = 1973

SPEC license #: 55 | Tested by: Dell, Inc., Round Rock, TX | Test date: Jun-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006

Notes/Tuning Information (Continued)

254.gap: -fast +FDO
255.vortex basepeak=yes
256.bzip2: -fast -Qunroll11 -Oa +FDO
300.twolf: basepeak=yes