CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

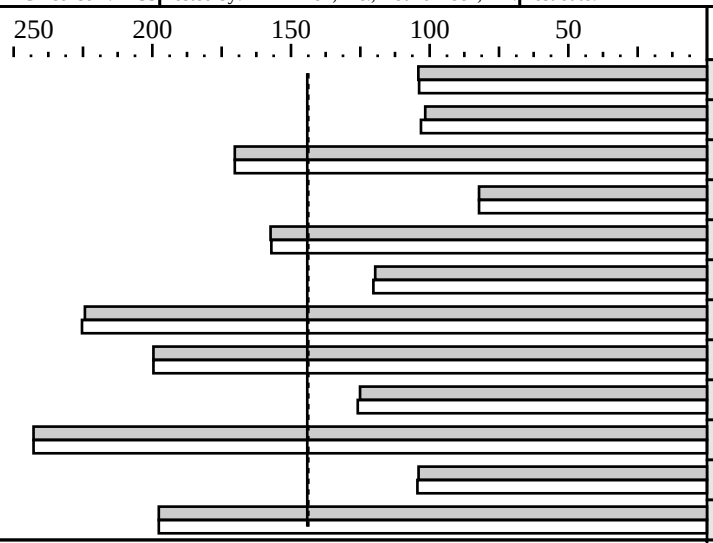
Dell

Precision Workstation 690 (Intel Xeon processor E5320, 1.86 GHz)

SPECint_rate2000 = 144

SPECint_rate_base2000 = 144

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	125	104	8	125	104
175.vpr	8	128	102	8	126	103
176.gcc	8	60.0	170	8	60.0	170
181.mcf	8	203	82.2	8	203	82.2
186.crafty	8	59.0	157	8	59.1	157
197.parser	8	140	120	8	139	120
252.eon	8	53.8	224	8	53.5	225
253.perlbmk	8	83.7	200	8	83.7	200
254.gap	8	81.6	125	8	81.1	126
255.vortex	8	72.6	243	8	72.6	243
256.bzip2	8	134	104	8	133	104
300.twolf	8	141	198	8	141	198

Hardware

CPU:	Quad-Core Intel Xeon processor E5320 (1066 MHz system bus)
CPU MHz:	1866
FPU:	Integrated
CPU(s) enabled:	8 cores, 2 chips, 4 cores/chip
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	8 MB I+D on chip, per chip (4 MB shared per 2 cores)
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 GB (8 x 1 GB 667 MHz CL5 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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
254.gap:     -fast +FDO
255.vortex   basepeak=yes
256.bzip2:   -fast -Qunroll1 -Oa +FDO
300.twolf:   basepeak=yes
```