



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
Precision WorkStation 530 (2.2 GHz Xeon)

SPECint2000 = **802**
SPECint_base2000 = **784**

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Jan-2002 Hardware Avail: Jan-2002 Software Avail: Jun-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	300 600 900 1200			
164.gzip	1400	170	826	168	836	[Bar chart showing ratio 836]			
175.vpr	1400	312	449	300	467	[Bar chart showing ratio 467]			
176.gcc	1100	118	934	118	933	[Bar chart showing ratio 933]			
181.mcf	1800	313	575	313	575	[Bar chart showing ratio 575]			
186.crafy	1000	133	753	133	752	[Bar chart showing ratio 752]			
197.parser	1800	233	773	232	776	[Bar chart showing ratio 776]			
252.eon	1300	128	1013	111	1175	[Bar chart showing ratio 1175]			
253.perlbnk	1800	176	1022	176	1022	[Bar chart showing ratio 1022]			
254.gap	1100	110	1000	108	1017	[Bar chart showing ratio 1017]			
255.vortex	1900	173	1098	163	1165	[Bar chart showing ratio 1165]			
256.bzip2	1500	240	624	241	621	[Bar chart showing ratio 621]			
300.twolf	3000	455	660	455	659	[Bar chart showing ratio 659]			

Hardware

CPU: Intel Xeon
CPU MHz: 2200
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 1, 2
Parallel: No
Primary Cache: 12K(I) micro-ops + 8KB(D) on chip
Secondary Cache: 512KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 2 x 128MB PC800 ECC RDRAM
Disk Subsystem: 1 x 9GB Fujitsu 10K U160
Other Hardware:

Software

Operating System: Windows 2000 Professional (SP2)
Compiler: Intel C++ Compiler 5.0.1 (010727Z)
Microsoft Visual C++ 6.0 (SP5)
MicroQuill SmartHeap Library 5.0
File System: NTFS
System State: Default

Notes/Tuning Information

PORTABILITY FLAGS

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

FEEDBACK-DIRECTED OPTIMIZATION

FDO: PASS1= -Qprof_gen PASS2= -Qprof_use

BASE TUNING

C: -Qipo +FDO -QxW shlW32M.lib
C++: -Qipo -QxW -GX -GR

PEAK TUNING

164.gzip: -Qipo +FDO -QxW -Oi- -Oa
175.vpr: -Qwp_ipo +FDO -QxW
176.gcc: -Qipo +FDO -QxW shlW32M.lib
181.mcf: -Qipo +FDO -QxW shlW32M.lib
186.crafy: -Qipo +FDO -QxW -Oa shlW32M.lib
197.parser: -Qipo +FDO -QxW
252.eon: -Qipo +FDO -QxW
253.perlbnk: -Qipo +FDO -QxW shlW32M.lib
254.gap: -Qipo +FDO -QaxW



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
Precision WorkStation 530 (2.2 GHz Xeon)

SPECint2000 =	802
SPECint_base2000 =	784

SPEC license #:	55	Tested by:	Dell, Round Rock, TX	Test date:	Jan-2002	Hardware Avail:	Jan-2002	Software Avail:	Jun-2001
-----------------	----	------------	----------------------	------------	----------	-----------------	----------	-----------------	----------

Notes/Tuning Information (Continued)

```
255.vortex: -Qwp_ipo +FDO -QxW -Oa shlw32M.lib
256.bzip2:  -Qipo +FDO -QxW shlw32M.lib
300.twolf:  -Qipo +FDO -QxW shlw32M.lib
EXTRA LIBRARIES
shlw32M.lib: MicroQuill SmartHeap Library 5.0
              www.microquill.com
```