



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
PowerEdge 2650 (2.4 GHz Xeon)

SPECfp2000 = **750**
SPECfp_base2000 = **726**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	149	1074	146	1097	
171.swim	3100	308	1008	313	992	
172.mgrid	1800	268	671	259	696	
173.applu	2100	297	707	293	718	
177.mesa	1400	148	948	150	934	
178.galgel	2900	319	909	317	915	
179.art	2600	543	479	541	480	
183.quake	1300	171	760	128	1016	
187.facerec	1900	192	989	199	954	
188.amp	2200	457	482	446	493	
189.lucas	2000	228	878	219	913	
191.fma3d	2100	305	688	300	700	
200.sixtrack	1100	254	434	243	454	
301.apsi	2600	461	564	456	570	

Hardware

CPU: Intel Xeon
 CPU MHz: 2400
 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: 4GB PC1600 (DDR 200)
 Disk Subsystem: 1 x 9.2GB Quantum Atlas 10K II U160
 Other Hardware:

Software

Operating System: Windows 2000 Professional (SP2)
 Compiler: Intel C++ and Fortran Compiler 5.0.1 (010922Z)
 Microsoft Visual C++ 6.0 (SP5)
 MicroQuill SmartHeap Library 5.0
 File System: NTFS
 System State: Default

Notes/Tuning Information

PORTABILITY
 178.galgel: -FI /F32000000
 FEEDBACK-DIRECTED OPTIMIZATION
 FDO: PASS1= /Qprof_gen PASS2= /Qprof_use
 BASE TUNING
 C/F77/F90: /Qipo +FDO /QxW /O3
 PEAK TUNING
 168.wupwise: /Qipo +FDO /QxW /Qprefetch
 171.swim: /Qipo +FDO /QxW /O3
 172.mgrid: /Qipo +FDO /QaxW /O3
 173.applu: /Qipo +FDO /QxW /O3 /Qscalar_rep- /Qauto
 177.mesa: -Qwp_ipo +FDO -QxW -Qunroll10
 178.galgel: /Qipo +FDO /QxW /O3
 179.art: -Qipo +FDO -QxW -O3 shlw32M.lib
 183.quake: -Qwp_ipo +FDO -QxW -Oa shlw32M.lib
 187.facerec: /Qipo +FDO /QxW /O3 shlw32M.lib
 188.amp: -Qipo +FDO -QaxW -Oa



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
PowerEdge 2650 (2.4 GHz Xeon)

SPECfp2000 = 750
SPECfp_base2000 = 726

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

Notes/Tuning Information (Continued)

```
189.lucas: /Qipo /QxW /Qunroll10
191.fma3d: /Qipo +FDO /QxW /O3
200.sixtrack: /Qipo +FDO /QxW
301.apsi: /Qipo /QxW /O3
EXTRA LIBRARIES
shlW32M.lib: MicroQuill SmartHeap Library 5.0
www.microquill.com
LIBRARY ORDERING
187.facerec: libIEPCF90.lib libintrins.lib libF90.lib libqwin.lib
libm.lib shlW32M.lib LIBC.lib libirc.lib OLDNAMES.lib
1 CPU configuration achieved by editing boot.ini
```