



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
PowerEdge 2650 (3.2GHz Xeon, 2MB L3)

SPECfp2000 = **1347**
SPECfp_base2000 = **1330**

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jan-2004 | Hardware Avail: Feb-2004 | Software Avail: Apr-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	106	1505	106	1504
171.swim	3100	177	1752	177	1752
172.mgrid	1800	147	1227	146	1231
173.applu	2100	185	1133	184	1139
177.mesa	1400	108	1302	106	1319
178.galgel	2900	107	2708	107	2707
179.art	2600	146	1778	140	1854
183.quake	1300	109	1195	103	1263
187.facerec	1900	126	1509	122	1554
188.amp	2200	197	1114	197	1119
189.lucas	2000	138	1453	137	1461
191.fma3d	2100	179	1171	179	1171
200.sixtrack	1100	184	598	181	607
301.apsi	2600	225	1155	225	1155

Hardware

CPU: Intel Xeon
CPU MHz: 3200
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
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: 2048KB(I+D) on chip
Other Cache: N/A
Memory: 4 x 1024MB ECC DDR266 SDRAM
Disk Subsystem: 1 x 36GB Seagate Cheetha 15K U320 SCSI
Other Hardware:

Software

Operating System: Windows 2000 Advanced Server (SP2)
Compiler: Intel C++ Compiler 7.1 (20030402Z)
Intel Fortran Compiler 7.1 (20030402Z)
Microsoft Visual Studio .NET (7.0.9466)
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 -QxW -O3 +FDO

PEAK TUNING

168.wupwise: -Qipo -QxW -O3 +FDO

171.swim: -Qipo -QxW -O3 +FDO

172.mgrid: -Qipo -QaxW -O3 +FDO

173.applu: -Qipo -QxW -O3 -Qscalar_rep- -Qauto +FDO

177.mesa: PASS1= -Qprof_gen PASS2= -Qipo -Qprof_use -QxW -O3 -Oa

178.galgel: -Qipo -QxW -O3 +FDO

179.art: -Oa -Qipo -Qunroll4 -Zp4

183.quake: -QxW -Oa -Qrcd -Qipo +FDO

187.facerec: -O3 -QaxW -Qipo -Qunroll11 -Qscalar_rep- +FDO

188.amp: -Oa -QxW



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
PowerEdge 2650 (3.2GHz Xeon, 2MB L3)

SPECfp2000 =	1347
SPECfp_base2000 =	1330

SPEC license #:	55	Tested by:	Dell, Round Rock, TX	Test date:	Jan-2004	Hardware Avail:	Feb-2004	Software Avail:	Apr-2003
-----------------	----	------------	----------------------	------------	----------	-----------------	----------	-----------------	----------

Notes/Tuning Information (Continued)

```
189.lucas: -Qipo -QaxW
191.fma3d: basepeak=yes
200.sixtrack: -Qipo -QxW +FDO
301.apsi: -Qipo -QxW -O3 +FDO
ONESTEP=YES is set for all benchmarks
Hyper-Threading Technology disabled in BIOS
```