



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

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

SPECfp_rate2000 = 15.6
SPECfp_rate_base2000 = 15.4

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	106	17.5	1	106	17.4
171.swim	1	177	20.3	1	177	20.3
172.mgrid	1	147	14.2	1	146	14.3
173.applu	1	185	13.1	1	184	13.2
177.mesa	1	108	15.1	1	106	15.3
178.galgel	1	107	31.4	1	107	31.4
179.art	1	146	20.6	1	140	21.5
183.quake	1	109	13.9	1	103	14.7
187.facerec	1	126	17.5	1	122	18.0
188.amp	1	197	12.9	1	197	13.0
189.lucas	1	138	16.9	1	137	16.9
191.fma3d	1	179	13.6	1	179	13.6
200.sixtrack	1	184	6.93	1	181	7.04
301.apsi	1	225	13.4	1	225	13.4

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)

SPECfp_rate2000 = 15.6
SPECfp_rate_base2000 = 15.4

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