



CFP2000 Result

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Dell
PowerEdge 6600 (3.0 GHz Xeon MP)

SPECfp_rate2000 = 23.1
SPECfp_rate_base2000 = 23.0

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	138	26.8	2	139	26.8
171.swim	2	471	15.3	2	471	15.3
172.mgrid	2	270	15.4	2	272	15.3
173.applu	2	385	12.6	2	384	12.7
177.mesa	2	119	27.3	2	118	27.6
178.galgel	2	98.0	68.7	2	98.1	68.6
179.art	2	83.6	72.1	2	82.9	72.8
183.quake	2	170	17.7	2	168	18.0
187.facerec	2	165	26.6	2	160	27.5
188.amp	2	161	31.7	2	162	31.5
189.lucas	2	302	15.4	2	302	15.4
191.fma3d	2	283	17.2	2	283	17.2
200.sixtrack	2	195	13.1	2	192	13.3
301.apsi	2	288	21.0	2	286	21.1

Hardware

CPU: Intel Xeon MP (400 MHz system bus)
 CPU MHz: 3000
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
 CPU(s) orderable: 1,2,4
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 8KB(D) on chip
 Secondary Cache: 512KB(I+D) on chip
 L3 Cache: 4096KB(I+D) on chip
 Other Cache: N/A
 Memory: 4 x 1024MB DDR200
 Disk Subsystem: 1 x 36GB SEAGATE 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

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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

```



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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